

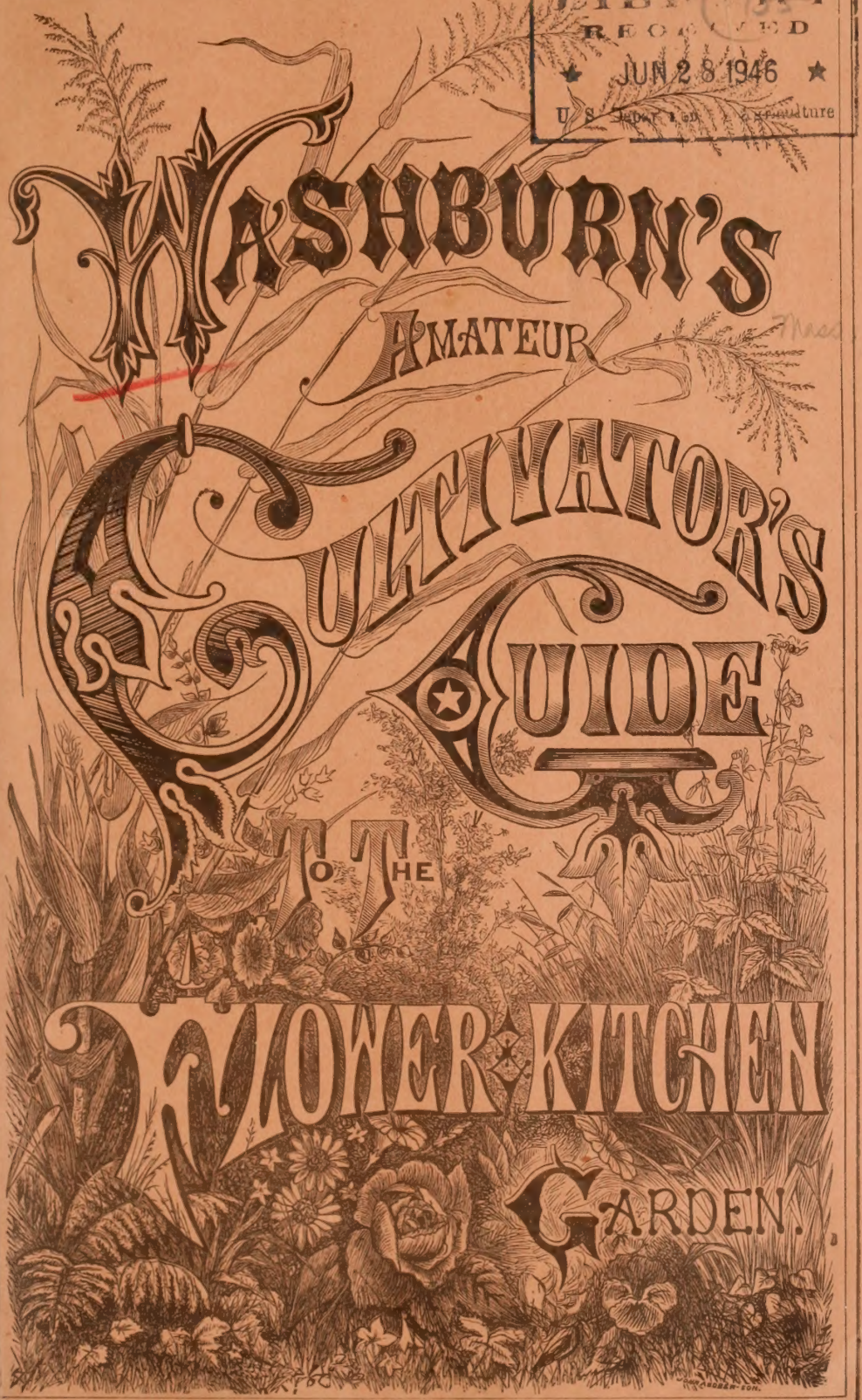
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WASHBURN'S
AMATEUR
CULTIVATOR'S
GUIDE
TO THE
FLOWER KITCHEN
GARDEN.


W. W. CHAMBERLAIN

The Ladies' Floral Cabinet and Pictorial Home Companion.

HENRY T. WILLIAMS, Publisher, New York.

THE handsomest illustrated monthly journal published. Devoted to housekeeping, household elegancies, fashions, music, fancy-work, flowers, window-gardening, and every thing pertaining to the amusement of the family circle and the adornment of the home.

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A new book of 300 pages and 250 fine engravings, giving practical information about plants and flowers for the parlor, conservatory, Wardian case, or window garden. This is a book long needed, and comes at a time when it will be highly appreciated. Price \$1.50, postpaid.

EVERY WOMAN HER OWN FLOWER GARDENER.

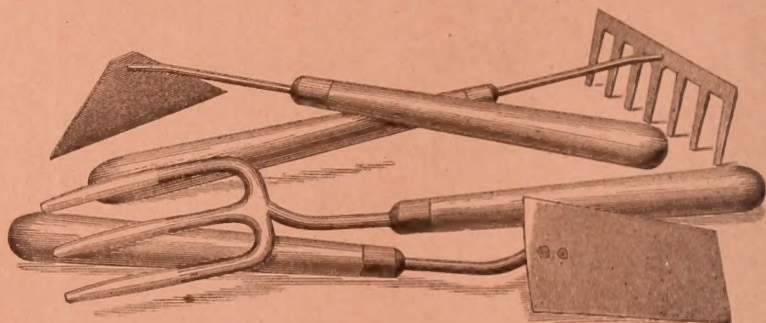
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A delightful little treatise on out-door gardening for ladies; practical, and charmingly written. Price 50 cents, post-paid.

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The advantages of these frames over the old style of hand-made designs cannot be too highly appreciated by those who have occasion to use them. Perfection of shape, variety of design, and saving of time, more than repays the moderate cost of these frames. A valuable aid to amateurs.

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LADIES' AND CHILDREN'S GARDEN TOOLS, useful, handy and small. Are liked very much by all who use them. Put up in neat boxes, 11 inches long by 3 wide.

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FLOWER SEEDS,

NOVELTIES FOR 1875-6.

Amaranthus Henderi.—This variety differs from all others, producing a range of brilliant colors never before witnessed in any class of plants. The transparency of the foliage, when seen against the light, shows the various colors with such charming effect, that the best idea that can be given of it is to say that it is a good imitation of colored glass. Its gracefulness alone would be sufficient to secure it a place in public favor; but, with its other merits, it cannot fail to become speedily popular. Per pkt., 50 cts.

Anchusa Capensis, or Cape Forget-me-not.—A charming perennial plant for dwarf bedding purposes. Its long racemes of beautiful ultramarine-blue flowers are produced perpetually from May to November, if the exhausted flower-stems are removed as they go off bloom. 25 cents.

Clarkia New Double (Purple King, Salmon Queen, White).—In form, and firm, bold, double habit, these varieties far surpass any previous introduction of this popular flower; whilst the richness and novel beauty of coloring they possess stamp them as a welcome addition to our hardy summer flowers. The blooms may be compared to the finest double balsam in substance; and this peculiar character renders the flowers of a much more durable character than the ordinary Clarkias, and, as cut-blooms, will prove a valuable acquisition. 25 cents each. Each color, per pkt., 25 cents.

Clypeola Cycloclontea.—A charming small Crucifera (Crosswort), of a fine green color, with small yellow flowers, which are hardly apparent, but are soon succeeded by hundreds of flat, purse-like pods, prettily fringed, and producing a most singular appearance. It is well adapted for specimens in borders and rockeries. This plant is quite a curiosity. Per pkt., 25 cents.

Convolvulus Minor (New Crimson Violet).—The flowers are very striking. They have a bright yellow eye, encircled with a band of snowy white, broadly margined with rich crimson violet, varying in some blooms from bright violet to rich, velvety, purple crimson. Per pkt., 50 cents.

New Fern-leaved Parsley.—Most exquisite in form and color, invaluable as a garnishing plant, and admirably suited for mixing with dwarf ornamental foliaged plants in the flower-gardens, and also for table decoration. Per pkt., 25 cents.

Poa Amabilis (Abyssinian Ornamental Grass), forming stout, erect tufts of twenty-four inches in height, each stalk of which is terminated by a large inflorescence. In its general appearance it is analogous to the graceful Brizas, but on a much more extended scale. Single specimens introduced here and there on lawns or in mixed borders are very elegant. Per pkt., 25 cents.

Phlox Drummondii Nana Fireball.—New robust variety, forming dense dwarf bushes studded with scarlet flowers. It is remarkably profuse in bloom, and will be found valuable for bedding. Per pkt., 25 cents.

Phlox Drummondii Grandiflora.—Exceedingly showy, fine-formed, large-sized flowers, characterized by a large white eye, and well-defined dark-margined centre. Per pkt., 25 cents.

Phlox Drummondii Nana Compacta.—This plant is a beautiful compact dwarf bush, closely covered with flowers. On account of its dwarf habit, it is equally suitable for border or bedding purposes as for pot culture. There are two varieties of this new type; one a brilliant fiery red, and the other a bright rose, producing together the most beautiful effect, and proving an efficient substitute for bedding geraniums.

Phlox Drummondii Nana Compacta.—Fiery red. Per pkt., 25 cents.
Chamois rose. Per pkt., 25 cents.

Pentstemon Palmeri.—A very distinct and handsome variety, growing from three to five feet high in good soil, with highly ornamental glaucous foliage, and very conspicuous flowers, each marked by a central reddish line. Per pkt., 25 cts.

Rhodanthe Manglesi Flore Pleno Prince Bismarck.—This is a double flowering form of the pretty and well-known Rhodanthe Manglesi. This is really a valuable acquisition. Per pkt., 25 cents.

Silene Pendula Compacta.—This is a decided improvement on the well-known Silene Pendula. The flowers are of the same size and color; but the plant is so dwarf and compact that it forms dense cushions two or three inches in height, and from ten to twelve inches in diameter, and, during the season, is perfectly solid with bloom. Most effective in small beds or marginal lines. Per pkt., 25 cts.

Schizostylis Coccinea.—A beautiful plant of the iris family. If planted in the garden in May, it soon comes into flower, bearing long spikes of deep crimson blossoms, each about two inches in diameter. Should be taken up before severe frosts begin. 25 cents each.

TO OUR FRIENDS AND PATRONS.

IN view of the great expense attending the annual publication of a work like this, which is furnished gratuitously to our patrons, we have decided to use our last year's stereotype-plates, after making the needed changes in price, &c., to conform to this season. In consequence of the saving which will result from so doing, we shall be enabled to deal more liberally with our customers, without detracting in the least from the merits of our Catalogue, which we believe to be one of the most valuable and comprehensive published, embracing all the information needed to instruct and amuse the amateur in each department of gardening.

A new and very superior Lithographic Chromo will be added, composed of well-known subjects, worthy of a place in every garden; also a Supplementary List of many things not in the main body of the book, but for which there is a constant demand. Our list of Novelties this season will be quite limited, as we have found, by experience, that many of this class prove worthless in our soil and climate. Those offered are choice selections, having the highest recommendations from their producers.

Again we thank our customers for their liberal patronage in the past; and we hope to merit a continuance of their favors.

RARE FLOWERS AND NOVELTIES

NO.	FOR 1873 AND 1874.	PER PCT.
1040	Aster, Boltz's, white, passing to azure-blue. —This charming color was first introduced a few years ago in the Dwarf Chrysanthemum section. Fine.	.25
1041	Aster, Dwarf Cinnabar carmine. —A very striking deep-red color; it is an early and abundant flowerer, suited for either ribbon bordering or the decoration of parterres.	.25
1042	Aster, Mont Rose. —A new variety of Mont Blanc Aster, with flowers of a charming peach-color and enormous dimensions.	.25
1043	Aster, Goliath, mixed. —This splendid class of Asters are from the Mont Blanc and Mont Rose varieties.	.50
1044	Aster, Washington, fine mixed. —This new race is one of the finest extant. It originates from the Victoria Aster, and is similar, though far more robust.	.50
1045	Amaranthus Abyssinicus. —New Abyssinian introduction, forming an exceedingly vigorous tree-like specimen of five feet in height by the same in diameter, the stem measuring three inches through. The plant is composed of from six to eight stout branches, each of which throws out as many smaller ones, which are all terminated in the first place by a large drooping carmine-red flower-spike, this being subsequently surrounded by ten to twelve somewhat shorter ones, leading to the plant a highly curious appearance. Planted on lawns or at the sides of broad walks, this species produces a striking effect.	.50
1046	Begonia Sedeni Victoria. —Splendid hybrid of Begonia Sedeni, having bright carmine-scarlet flowers, and a strong, compact habit. Producing a profusion of bloom, its utility for bedding cannot be over-estimated. Masses on a lawn, even when viewed from afar, present a gorgeous aspect. Well adapted for the open ground.	.50
1047	Campanula medium Calycanthema. —We look upon this variety as a real acquisition amongst hardy biennials. Culture precisely like that of the common Canterbury Bell.	.25
1048	Celosia Japonica, or New Japan Cockscomb. —This is an entirely new variety. It is far better and more brilliant than the old variety, a single plant being an object of great beauty; while a bed containing a dozen plants is not equalled for garden display by any thing we are acquainted with.	.25
1049	Celosia Huttonii. —Beautiful dark-folliaged plant, attaining a height of from one and a half to two feet by about one and a half feet in diameter. Owing to its rich coloring and hardy nature, it will be found exceedingly attractive and useful as a bedding-plant.	.25
1050	Celosia, Violet-feathered. —Very interesting novelty, with large plumose flower-spikes of a fine violet color.	.50
1051	Centaurea gymnocarpa. —An exceedingly fine decorative bedding-plant, with elegant and finely-divided silvery foliage; very attractive and ornamental, either as single plants, or in groups, or in ribbon-planting.	.25
1052	Centaurea Candidissima. —A beautiful and picturesque hardy bedding-plant, with fine silvery foliage; admirably adapted for flower-garden decoration in ribbon-lines, or in groups, or single plants.	.25

NO.		PER PKT.
1053	<i>Cineraria hybrida</i> , fl. pl. — A new strain of double <i>Cineraria</i> .	.1.00
1054	<i>Cobea scandens</i> , fl. alba. — A rapid-growing climbing plant, with large white bell-shaped flowers; finely adapted for bedding out in summer; seeds should be sown early, to secure well-established plants by the time the season arrives for planting out	.50
1055	<i>Delphinium Ajacis hyacinthiflorum</i> , fl. pl. — Flowers of a very rich and highly effective color. A valuable acquisition among the Hyacinth-flowered Larkspurs, more especially as it is already quite constant	.25
1056	<i>Delphinium Imperiale</i> , fl. pl. "Emperor Larkspur." — This new race is of symmetrical bushy habit; the plants branch out four inches from the ground, forming fine, compact, well-proportioned specimens of one and a half feet in diameter by three and a half feet in circumference, the uniform height being one and a half feet	.25
1057	<i>Delphinium nudicaule</i> . — Profuse-blooming variety, perfectly hardy, in fact, a splendid acquisition. Flowers a dazzling scarlet	.50
1058	<i>Dianthus Heddewigi laciniatus striatus</i> , fl. pl. — A fine new large-flowering double variety of the favorite <i>Dianthus laciniatus</i> . The white blossoms, elegantly striped and streaked with different shades, which vary from a delicate rose to the deepest red, produce a most charming combination of hues	.25
1059	<i>Feverfew erecta alba</i> , fl. pl. — In every respect like double or white <i>Feverfew</i> , except in habit, which is erect	.25
1060	<i>Lobelia speciosa</i> , Carter's Cobalt Blue. — The distinguishing character of this plant is, that it has no white in the eye of the blossom, nor any purple on the calyx; so that the brilliant blue has the entire possession of the field of color. Very effective, and more compact in habit than <i>L. speciosa</i>	.25
1061	<i>Mignonette Pyramidal Bonquet</i> . — This variety forms a dense short pyramid of free growth, the numerous branches being terminated by large spikes of intense red flowers, — as many as three hundred being produced on one full-grown specimen. The foliage is luxuriant, and of a dark-green. This variety is recommended for pot-culture and for the open border. (See cut.)	.25
1062	<i>Mignonette</i> , New Dwarf Compact. — This is a very desirable variety, and very distinct in character. It forms a dense semi-globular bush of about ten inches high and eighteen inches across; the robust and vigorous branches being clothed with dark-green leaves, and decorated with innumerable close spikes of reddish-tinted flowers. (See cut.)	.25
1063	<i>Oxalis rosea delicata</i> . — A particularly charming variety of the <i>O. rosea</i> . Flowers rosy-salmon, turning to a darker shade towards the edges of the petals. Admirably adapted either for edgings or small flower-beds	.50
1064	<i>Petunia</i> , double, large-flowering, green-edged. — This is a very superb strain. The seed will produce about 30 per cent at least of double flowers	.50
1065	<i>Phlox Drummondii Coccinea Striata</i> . — Fiery scarlet flowers, prettily striped with white	.25
1066	<i>Phlox Drummondii grandiflora varietus</i> . — Remarkable for the unusual size of the flowers, which are similar in form to those of the perennial sorts, rendered very striking by a large centre and fine dark violet eye	.25
1067	<i>Stock</i> , Dwarf-flowering large Ten-weeks. — Wall-flower leaved, copper-colored scarlet. An entirely new color among the varieties of this class: the flowers are of a dark fiery copper-red, with blood-red gloss. For size and doubleness they are unsurpassed by any of the large-flowering Stocks	.50
1068	<i>Stock</i> , Large-flowering variegated German, crimson and copper-red. — The stalks and leaves of this new variety are prettily variegated with creamy white, setting off the large, double, handsome flowers in a most advantageous manner. The variegation appears with the cotyledons, and this distinctive feature is shared with every subsequent leaf. The seed reproduces about twenty-five per cent of plants answering to this description	.50
1069	<i>Scabiosa rana</i> , fl. pl. — Azure-blue variety of novel color, deriving from the race of Dwarf Double Scabious	.25
1070	<i>Verbena</i> , Defiance. — Seed which may be relied upon to reproduce this exceedingly showy well-known deep-scarlet <i>Verbena</i> is now offered for the first time. By planting this sort in masses, a grand display may be obtained	.50
1071	<i>Viola tricolor maxima</i> , "Emperor William" Pansy. — The distinguishing qualities of this variety are its brilliant color of ultramarine blue, with well-defined eyes of purple-violet, and the great consistency of its large blooms borne well above the foliage. A recommendation is, that it comes true from seed; this advantage, combined with the beautiful color, makes this novelty of exceeding utility for the edges of flower-borders, ribbon-bedding, &c.	.50

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SPLENDID FRENCH HYBRIDS OF GANDAVENSIS.

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SOUCHET'S NEW VARIETIES OF 1872 and 1873.

	EACH.
Addison. —Fine and large spike of extra large flowers, dark amaranth, with white streaks; very fine variety, very attractive	\$2.00
Albion. —Very long and splendid spike, flowers extra large, finely and slightly tinged with lilac, sometimes blazed with carminate lilac; very tall	3.50
Amalthee. —Fine long spike of very large flowers, pure white, very large violetish-red stains; ground of the corolla velvet-like violet, the lower divisions slightly tinted with lilac; middle-sized plant	3.50
Benvenuto. —Very long splendid spike of large flowers, of open habit, light rosy-orange, very brilliant and transparent with white flakes, fine and novel color; perfection	2.50
Elvire. —Very long and splendid spike of large flowers, flamed carmine on pure white ground; very fine and attractive variety; perfection	4.00
Eva. —Fine large spike of large flowers, slightly shaded and tinted light-rose and lilac on white ground; very fine; perfection	2.50
Figaro. —Fine long spike of very large flowers, very open, light rosy-orange flamed with red, and large pure white flakes; very fine and of much effect	2.00
Le Phare. —Very long spike, flowers large, perfect, and open, brilliant fiery-red, dazzling, and effective; admirable variety; perfection	3.50
L'Unique Violet. —Very long spike of extra large flowers, dark lilac tinted with violet, blazed with dark carmine; vigorous and unrivalled variety	4.00
Lull. —Fine spike large and perfect flowers, fiery cherry-red, slightly tinted orange, with a very transparent throat, the lower petals striped with carmine; very bright and novel color; perfection	3.00
Macaulay. —Long splendid spike of very large flowers, bright crimson, slightly tinted violet, very dark carmine flakes, with a clear and transparent centre; very attractive variety; perfection	3.00
Margarita. —Very long spike of large flowers, white ground slightly flamed, bright carmine; very fine and vigorous variety	2.00
Octavia. —Long spike of very large flowers, fine pale rose, slightly flamed with red, large spots, and striped of a pure white, with lighter centre; novel color; extra fine; perfection	3.50
Reine Blanche. —Very long spike of fine flowers well set, pure white, with slight dark carmine flakes; very fine variety	2.00
Sirene. —Tender rose, very light, slightly orange-colored, largely blazed with red on the lower divisions; red stain on yellow ground	3.00
Variabilis. —Long spike of very large perfect flowers, white, with or without stain, sometimes blazed with lilac, ground of the corolla violet; branchy and of a great effect	4.00
Venus. —Very long spike, open and large flowers flamed light carmine rose on white ground; splendid and fine variety; perfection	3.50

(For older varieties and cultural notes, see page 122.)

NATIVE NORTH-AMERICAN PLANTS.

BOTH CRYPTOGAMIC AND PHENEROGAMIC.

We have made arrangements with some of our most careful collectors, by which we can supply any of our Native Plants, Ferns, &c., correctly named, at reasonable prices. List and prices by enclosing a stamp to our address.

SUPERB DOUBLE DAILIAS.

A fine stock of this popular flower, embracing one hundred and fifty sorts of the standard and Lilliputian varieties. \$2.00 to \$3.00 per doz.; 50 cents per dozen extra when sent by mail.

OXALIS LASIANDRA.

A fine species for summer-flowering. It grows rapidly, and soon forms a large round tuft from nine inches to two feet in diameter. Flowers freely produced from June to frost, in trusses on long stalks, which bear them well above the foliage. Color, light crimson; leaves, rich green, marked with a brown band. By mail, \$1.00 per doz.

ACHIMENES.

These tubers should be started in pots in a warm place, and may either be kept in pots through the summer, or be planted out in June in a partially shaded spot. In turning out, take care not to break the ball of earth. We offer a mixture of many fine varieties. \$1.50 per doz.

GLORIOSA (METHONICA) SUPERBA.

Climbing lily. Every part of this plant is ornamental. The flowers are orange and yellow, much like some lilies, but with petals bent backward like cyclamen. Its leaves, which terminate in tendrils, are bright green, and very glossy. The seed-vessel is also extremely handsome, and contains from twenty to thirty large round scarlet seeds. The tubers should be potted in April. 50 cents to \$1.00 each. Seeds, 25 cts. per qt.

COMMELINA CÆLESTIS.

A fine plant for the flower-garden, growing about two feet high, with slender stems and grass-like leaves. The flowers open early, and are of the most intense blue, exceeding even the *Salvia patens* in this respect. By mail, per doz. \$1.50.

ERYTHRINA CRISTÆ GALLI.

A magnificent plant, producing its crimson pea-shaped flowers on spikes eighteen inches long. They may be taken up in the fall, and kept in perfect preservation during winter, in a dry cellar, the roots covered with half-dry earth: when taken up, the branches should be well cut back. Plant them in the garden in May, and they will flower profusely three or four times in the course of the summer. Price, 50 to 75 cents.

ENGLISH IVY (HEDERA HELIX).

One of the best evergreen plants for covering naked walls or any other unsightly object. A valuable climber for growing in cities, as it grows to a great height, and will attach itself firmly to brick or granite walls without assistance, and thrive in confined, shady situations where no other plant will grow. As this plant does not require the sun, it is admirably adapted for parlor-culture, where it may be trained about the room in any direction desired. In pots, 50 cents.

YUCCA FILIMENTOSA (ADAM'S NEEDLE).

This is a very showy and ornamental genus: it is perfectly hardy, and will succeed well in any good garden-soil, and form a pleasing contrast with other plants, on account of the peculiarity of its foliage, which resembles the palm or aloe. When well grown, the flower-stems are five or six feet high, and nearly the whole of it is covered with large bell-shaped, white flowers. Price, 50 cents.

TRITOMAS.

Splendid, half hardy, evergreen, herbaceous plants, forming large, robust, stemless leaf-crowns, from the centre of which their tall flower-stems, three to five feet in height, are produced in summer and autumn, with large, dense-flowered terminal racemes of rich pendulous orange-red and scarlet tubular flowers; each raceme a foot or more in length. They are admirably adapted for bedding out; and the numerous terminal flame-colored blossoms form a stately distant or mediate effect. They thrive in any rich light garden-soil. On approach of winter, they should be taken up, and placed in the greenhouse or cellar for replanting out in spring. 50 cents each; \$4.00 per doz.

TUBEROSES.—THE PEARL.

A new variety of great merit. The plant is of a dwarf habit, flowering in very large spikes, of exquisite fragrance. By mail, 25 cents each
The older variety, see page 126.

CALLA ÆTHIOPICA.

The well-known Egyptian Lily, or Lily of the Nile. Its large white flowers are splendid in the winter; and the plant will succeed well under very unfavorable circumstances in the house, and is the very best plant we have for aquariums, as it grows beautifully in water. Price, 50 cents each.

CALADIUM ESCULENTUM.

This is one of the most showy foliage plants, with very large green leaves, more than a foot in length, nearly as much in breadth, of a very light brilliant green. Roots should be taken up in the autumn, and treated like the dahlia. Roots, 50 cents each.

CANNA (INDIAN SHOT).

These stately species of plants are highly ornamental in flower-gardens, producing a rich and Oriental effect by their large, broad, massive foliage, and rich crimson and scarlet flowers. They will make luxuriant growth and bloom. In late autumn they should be carefully potted, and allowed to mature their bloom in the greenhouse or parlor, and afterwards preserved in a cool, dry cellar. In spring, again start them into growth, and replant them in the open air last of May or first of June. Price, 25 to 50 cents each.

ASPARAGUS.

Giant, two years (by express only). Per hundred, \$1.00; per thousand, \$8.00.

Conover's Colossal.—A European variety introduced several years since, which, by a careful selection of seeds from the most vigorous shoots, has been wonderfully improved, both in size and quality, in point of which it surpasses all other varieties in cultivation. Specimens were exhibited the past season, which were grown alongside the best Oyster Bay varieties, and received the same care and treatment, which attained four times the size of that popular variety. One-year-old roots, per dozen, 30 cents; per hundred, \$1.50; per thousand, \$12.00.

One-year roots only can be sent by mail at \$2.00 per hundred.

DIOSCOREA BATATAS (NEW CHINESE POTATO).

One of the most valuable esculents in cultivation, though but little known. Stem twelve to twenty feet in length, of rapid growth, of creeping or climbing habit, forming an excellent covering for a screen. Flowers small, white, in clusters. Leaves heart-shaped. The root is of a pale russet color, oblong, regularly rounded, club-shaped, largest at the lower end. Plant in a deep, light soil, tolerably rich, and thoroughly stirred two feet deep. A well-grown root will measure two feet in length, and two and a half inches in its broadest diameter. They are quite hardy, remaining in the ground over winter without protection. The flesh is remarkably white, and very mucilaginous in its crude state. They may be boiled or roasted, and when cooked possess a rice-like taste; are quite farinaceous, nutritive, and valuable for food. It is also a very desirable climbing-plant, suitable for covering screens, arbors, and unsightly places. One-year-old roots, \$2.00 per dozen; \$12.50 per hundred.

RUSTIC BASKETS, VASES, &c.

Baskets.	Three sizes, 9, 11, and 13 inches in diameter, round	\$1.50, \$2.25, \$3.00
"	Oval, 6 by 12 inches, fancy arched handle	2.00
"	Round, 10 inches in diameter	2.00
"	Octagonal, 9 inch bowl	1.25
"	" 11 inch bowl	1.50
Vases.	Three sizes, 2 feet 4 inches, 1 foot 11 inches, and 1 foot 7 inches high, with oblong vases, 23, 18, and 16 inches long	\$7.00, \$6.00, \$4.50
"	Two feet two inches high, with round bowl 13 inches in diameter, and arch handle	4.00
Chair.	Size of office-chair, easy and handsome	9.50
Stands.	Vases, Hanging-Baskets, Settees, and Chairs. A full Catalogue on application.	

GARDEN REQUIREMENTS.

Peat Mould,	In bags or barrels, per bushel	\$1.50
Silver Sand,	of the best quality, per bushel	2.50
Mould,	mixed in proper quantities for plants in pots, per bushel	1.00
Common Moss, or Sphagnum,	for baskets, orchids, &c., per bushel	1.00
Labels	for pot-plants or trees, per hundred, twenty cents; per thousand	1.50
Thermometers,	of various sizes, and best qualities each . . . . .	.50, .75, 1.00, 2.00
"	self-regulating	2.00

RUSSIA MATS.

Archangel,	of the best quality, each	\$1.50
Common Bass Mats,	per dozen	\$3.00, 6.00

CUBA BASS.

For tying up plants, grape-vines, &c., in large or small quantities, per pound, 75 cents to \$1.00.

DR. GRAEF'S INDELIBLE INK.

A German preparation for marking labels. May be used either for out or in door plants, exposure producing no effect on the writing. In bottles, with directions, 75 cents each.

Indelible Pencils, for writing on wood-labels, 50 cents each.

TROWBRIDGE'S GRAFTING-WAX.

Highly recommended as the best in use. Neatly put up in one-pound packages at 40 cents; half-pound packages, 25 cents; one-fourth pound packages, 15 cents.

WHALE-OIL SOAP.

For preserving plants, flowering-shrubs, vines, and particularly rose-bushes, from slugs and all other insects; also excellent for applying to the bark of trees of all kinds for destroying bark-lice,

moss, &c. Two-pound boxes, 35 cents; five-pound boxes, 75 cents; ten-pound boxes, \$1.25; twenty-pound boxes, \$2.00, with directions for use. TIN SYRINGES for applying the soap, \$1.25. BRASS SYRINGES, \$2.50 and upwards.

SAPO TABACUM, or TOBACCO-SOAP.

A universal remedy for the pests of gardens, nurseries, &c. The most convenient, potent, and cheapest specific for the destruction of aphides, red spiders, thrip, rose-bugs, slugs, and all insects infesting plants; also an efficient specific for the destruction of ticks and parasitic vermin on sheep and other domesticated animals, obnoxious insects in houses, stables, &c.

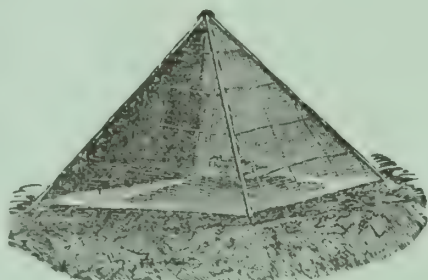
The Massachusetts Horticultural Society awarded a silver medal to the patentee as a testimonial to the importance and value of his discovery. Sold in one-pound bars, at 50 cents per pound. Wholesale price given on application.

DRIED NATURAL FLOWERS AND IMMORTElLES,

or Everlasting, Mosses, Grasses, &c. Very useful for making wreaths, crosses, winter bouquets, Christmas decorations, &c. Prices on application.

FERNERIES.

A large variety of all styles, both Terra Cotta and Black Walnut. Prices from \$1.00 to \$25.00.



VINE AND PLANT PROTECTORS.

The great value of these simple and cheap articles for the protection of cucumber, squash, melon, and other young plants, from the ravages of bugs and all other kinds of insects, has been practically proved by eleven years' use. They not only afford a sure protection from insects, but also from injury by high winds, storms, and even light frosts; while they admit the light, sun, and air freely to the plants, thus promoting a healthy and vigorous growth, and accelerating their early maturity.

The square Protectors spread nineteen inches; the round ones are sixteen and eighteen inches in diameter; and, when not in use, both so fold up as to require but little room. With care they will last many years.

Price for square Protectors	:	:	:	:	:	\$1.50 per doz.
" round "	:	:	:	:	:	2.50 "

PATENT PLANT ATOMIZER.

This neat and ingenious apparatus is the best thing ever invented for
DESTROYING INSECTS ON HOUSE-PLANTS,

by the application of solutions of Whale Oil, or Tobacco Soap, in the form of a vapor, or exceedingly fine spray; effectually destroying all insects without the annoyance of drip or waste of material, as is unavoidable when applied with a syringe. This little instrument will be found valuable generally, and particularly for House-Plants, on account of the neatness and facility attending its use, and its effect in keeping plants in a vigorous and healthy condition.

Put up in neat boxes, price \$1.50; by mail, postpaid, \$1.65.

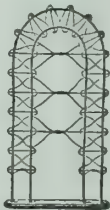


POT PLANT AND GARDEN TRELLISES.

These very useful and ornamental articles are invaluable for training plants, shrubs, vines, &c., either when grown in pots, or in the open border. They are made of reeds, painted green; are very light; and retain their shape and form better, and are much cheaper, than those made of wire.



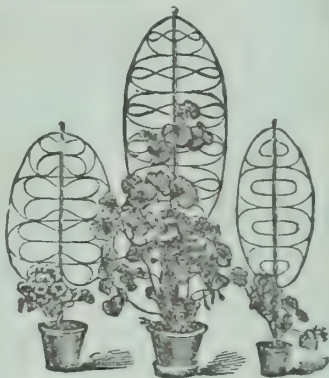
2-foot Veranda.
84 inch wide,
24 inch high,
45 cents each,
\$4.50 per doz.



Arch Top Ivy.
14 inch wide,
28 inch high,
\$1.00 each,
\$12.00 per doz.



2-foot Cross.
15½ inch wide,
24 inch high,
45 cents each,
\$4.50 per doz.



No. 2. No. 3. No. 1.
No. 1—30 in. stick, 10 in. wide, Each.
No. 2—24 " " 14 " " 30c.
No. 3½—42 " " 14 " " 50c.
\$3, \$5, and \$6 per dozen.

BOUQUETS AND CUT FLOWERS.

One of the evidences of refinement and culture is the increasing taste and demand for natural flowers for the decoration of churches, dinner and supper tables, weddings, funerals, &c. Flowers are acceptable and suitable for every occasion. We have made such arrangements, that our facilities are unsurpassed. Our connection with the leading growers in the vicinity of Boston, and the employment of first-class floral artists, enables us to offer flowers arranged in any floral device or decoration at reasonable prices at shortest notice. They can be packed so as to be carried safely for one or two days' journey by express, except during the heat of summer. The following are a few of the many designs supplied to order:—

BRIDE'S BOUQUETS, of choice white flowers.....	\$5 00 to \$10 00
BRIDESMAID'S BOUQUETS, of delicate and appropriate flowers, &c.....	4 00 " 8 00
TABLE BOUQUETS, and Floral Designs.....	5 00 " 30 00
BASKETS and PLATEAUX of elegant design.....	5 00 " 20 00
FOR FUNERALS. Auncers, crowns, wreaths, crosses, of white flowers, each from.....	5 00 " 25 00

We should be pleased to give estimates for large decorations. Orders by telegraph, mail, or express, will receive prompt attention. A supply of Boston's famous Rosesbuds, Smilax, &c., constantly on hand. Correspondence with caterers and undertakers solicited.

SENIER'S ASTHMA REMEDY.

Price per Box, 50 cents; by Mail, 55 cents.

ASTHMATICS, why will you endure a miserable existence when you can obtain relief by using this Remedy!

The Proprietor of this remedy had been an Asthmatic for sixteen years, and during that period, up to the time of this happy discovery, seldom enjoyed a night's rest. In short, he had endured all those phases of torture which every Asthmatic too well understands. When the attack comes on, the inhalation of the remedy will overcome the PAROXYSM IN A FEW MINUTES. The ADVANTAGE of THIS REMEDY over Medicine taken into the stomach will at once be apparent, as, by its use, direct contact with the BRONCHIAL TUBES and LUNGS is obtained, and the evil consequences of impairing the digestive organs are entirely avoided. In America and England there is a large and increasing demand for this remedy, and it only requires to be known to be appreciated.

Knowing of many cases of Asthma, where persons (some of whom are our intimate friends) have found relief by using the Remedy, we have been induced to offer it to our customers, believing it to be the most effectual Remedy known for that distressing complaint.

ESTABLISHED 1845.

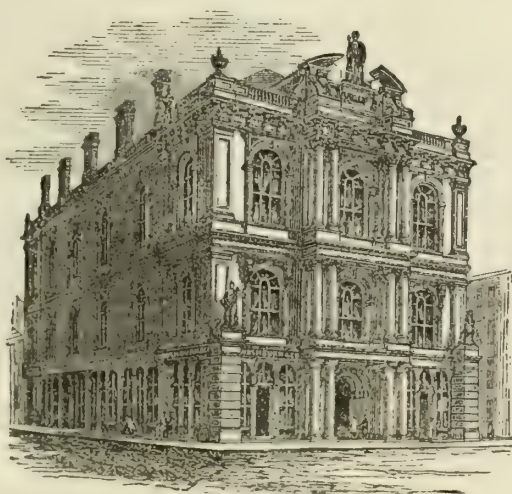
WASHBURN & Co.'s

Amateur Cultivator's Guide

TO THE

Flower and Kitchen Garden,

For 1876.



HORTICULTURAL BUILDING.

BOSTON:
WASHBURN AND COMPANY, SEED MERCHANTS,
HORTICULTURAL BUILDING, 100 TREMONT STREET.

1876.

TO OUR FRIENDS AND CORRESPONDENTS.

WE have much pleasure in submitting to your notice this new edition of our "*Natural Cultivator's Guide*," which, in the past, has been so popular with the lovers of horticulture. We feel assured, upon examination, this will be found to far surpass any existing work of similar description: we have spared neither time, trouble, nor expense in its compilation. It has been our endeavor to make it reliable, not only in the description of the great number of flowers and vegetables which are enumerated on its pages, but equally so in the full and complete practical directions for the successful growth of every variety.

The arrangement, though different from our last edition, is not new, having been adopted by eminent foreign dealers. To many it may not be very important; but, to the mass of our customers, we think it will commend itself as highly useful. All flowers and plants are divided into natural groups, and to know the character of one of these groups gives an idea of the whole. The Aster and the Coreopsis are familiar to almost every cultivator; and, when it is known that these belong to the composite order (*Composite*), it will at once be understood that any unknown plant belonging to this order resembles, in some respects, the above flowers. It is to convey this general information that we think the addition of the natural order is highly important.

It will be seen that we have omitted many varieties from our last edition which we deem scarcely worth cultivating, to avoid confusion, and to give greater space to more desirable kinds.

The character of every plant, whether annual, biennial, perennial, for the green-house, or whether hardy, or half-hardy, is stated; and, with our prefatory remarks upon the culture of each, there can be no difficulty in their successful growth. In addition to this information, our remarks on laying out flower-gardens will, we hope, not only prove a valuable aid to amateurs, but assist in disseminating a true taste for gardening art.

As specialties, we refer particularly to the very extensive list of NOVELTIES, many of them of rare merit, and difficult to obtain. Other specialties are our choice selection of French and German flower-seeds, particularly Double Asters, German Stocks, English Double Hollyhocks, Camellia-flowered Balsams, Carnation and Picotee Pinks, Double Zinnias, Double Portulacas, &c.; and of green-house plants, the Cineraria, Calceolaria, Gloxinia, Pelargonium, Chinese Primrose, &c. Many of these are of our own growth; and others are received direct from growers who produce their own seed, and some of whom raise them expressly for us. In our collection of German, French, and English flower-seeds we feel especial pride; for they contain all the truly beautiful varieties obtained in Europe during the last ten years, all selected especially for us, and never surpassed, if equalled.

Our VEGETABLE SEEDS are such as we can recommend with the greatest confidence; and, though we have not had the opportunity to test the latest additions, the dealers from whom they have been obtained leave little doubt of their real value. In conclusion, we have to acknowledge our indebtedness to various authorities for names, as well as occasional hints, and more particularly to that valuable book, Burr's "*Vegetables of America*," to Buist's "*Kitchen Garden*," and to numerous English catalogues.

Owing to the greatly increased expense of publishing a work so extensive as the present edition, we are reluctantly obliged to make the nominal charge of TWENTY-FIVE cents per copy, upon the receipt of which it will be mailed to all applicants from any part of the United States or Canada.

Address,

WASHBURN & CO.,
HORTICULTURAL HALL, BOSTON, MASS.

TERMS, CONDITIONS, ETC.

Letters received.—All letters received are opened by one of the principals, and replied to by return mails. To facilitate carrying out this rule, we would respectfully ask our correspondents to give care that their orders may be written distinct from remarks and inquiries, that it may be seen at a glance, and filled with greater ease. Make letters as brief as possible, as it requires great labor to attend to the hundreds daily coming in at the busy season; write the address plainly, and give the full name, with Post-office address, County, and State. We occasionally receive letters with no other address than the town, and in some instances without signature; which, of course, cannot be answered.

Execution of Orders.—Our rule is to despatch all orders as soon as received; but, as there are only a few months of planting season, and everybody anxious to get their seeds at the same time, it is sometimes impossible to prevent a delay of a few days: we make it a point to fill all orders in rotation, unless in cases of extreme urgency. It will be greatly to our advantage, and to that of the buyer also, if the orders are sent in early in the season, before the rush comes; and then we can give more attention.

Seeds, Bulbs, Plants, &c., by Mail. To any part of the United States where there is postal communication. The new postage-law authorizes the sending of SEEDS, BULBS, ROOTS, CUTTINGS, PLANTS, and SCIONS, at the rate of TWO CENTS for every FOUR OUNCES in weight,—the weight of the package not to exceed FOUR POUNDS. Under this law, any of the seeds or bulbs named in this Catalogue will be mailed, free of postage, at the prices quoted, with the exception of PEAS, BEANS, CORN, and POTATOES, for which an additional remittance of eight cents for every pound is required.

Remitting Money.—Orders from unknown correspondents, to insure attention, should be accompanied with cash, or satisfactory reference. Remittances may be made in current bank-bills, or, what is better, Post-office orders, registered letters, or checks on Boston, New York, or Philadelphia.

Risk in sending Money, or Loss of Seeds.—Where Post-office orders, registered letters, or checks, are sent, they will be at our risk (but do not hold ourselves responsible where bank-bills are sent), and will guarantee the safe arrival of the goods at their destination.

Despatch of Orders.—In giving orders, please state explicitly by what conveyance they are to be forwarded, and, if by express or railroad, the names of the parties to whose care they wish them consigned at the various places of transshipment. When no particular route is designated, we forward according to the best of our judgment; but in no case do we assume any responsibility after the packages leave our hands, unless for our own mistakes, which are always cheerfully rectified.

Quality of Seeds.—As regards the *freshness* of our seeds, or their *quality*, we have nothing to add. Our numerous customers throughout the country know us too well to ask any additional guaranty than that of the many years we have labored to place before them all the treasures of the flower-garden or conservatory, selected from the best sources in Europe and our own country, or grown or originated by us. Our long correspondence with the cultivators of England, France, Germany, and Prussia has enabled us to be the *first* to possess every thing new, whenever introduced. The novelties described in our present Catalogue are nearly three times the number of those enumerated by any dealer in America.

As we occasionally hear complaints concerning flower-seeds, that they do not meet the expectations of the purchaser, fail to vegetate, &c., and as seedsmen in general are often accused of sending out worthless seed, we would, in justice to ourselves and others, beg of our patrons to give the following remarks a careful perusal:—

We are well aware, and happy to state, that our seeds do generally give perfect satisfaction (this we learn from multiplied testimony yearly increasing); but now and then a grumbler steps out, discouraged, and disappointed that the flower did not prove what he expected. This, certainly, can be no fault of ours. We aim to find accurate descriptions of all that we advertise; but we cannot guarantee to meet the wants of people who are expecting to realize their own ideas of flowers. For instance, we speak of some fine variety, a delicate beauty: it comes up modestly, breathing sweet perfume, a perfect specimen of its kind; while the sower is surprised and disappointed, expecting to behold some showy, brilliant flower. Also, of double flower and distinct colors, we give the greater care in selecting and testing, making perfection our standard; but, nevertheless, single flowers will

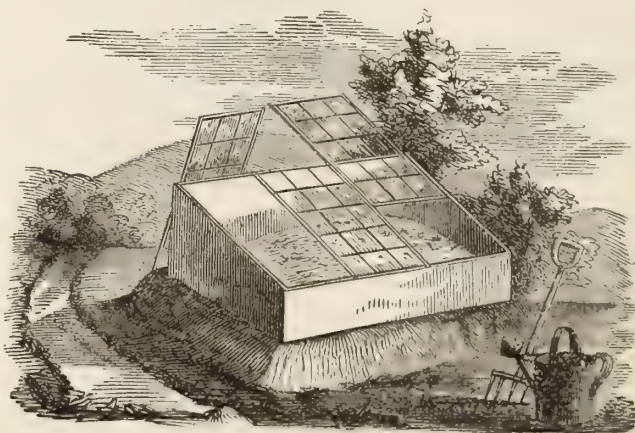
sometimes peep out, and mixtures cannot always be avoided. We find that some varieties are less reliable than others; but, while the good predominates, vex not over the simple loss of a few seeds, but try again with us to reach the standard.

That seeds oftentimes cease to grow is an established fact; but it is equally certain that that fact alone is no positive proof that the seeds are worthless. Probably ninety per cent of all the flower-seeds sold in this country go into the hands of persons who have no idea of how seeds should be grown. Many of them, perhaps, accustomed to putting into the ground peas, beans, radishes, &c., fancy themselves acquainted with sowing seeds in general; and, when they fail, the blame is laid, not upon their ignorance, but upon the seedsmen. Is it to be wondered at, then, that there are occasional complaints that seeds do not grow?

An example or two, about which there can be no mistake, will explain our meaning. A few years since, some seeds sent from India to a great garden near London, where any amount of skill ought to have been found, were, in part, sown, and reported on as "bad, — will not grow." Two years afterwards, what remained of the original seed, although so much older, was sown, and it grew freely. Why was this? The explanation is simple, — the gardener had been changed. We have many times planted seeds which refused to grow, and, after waiting a sufficient time, have then planted more out of the same parcel, which vegetated readily. This is not an uncommon occurrence among gardeners. And why is this? We would answer, that the fault may have been in planting, or in the weather, or in some cause unknown; but one thing we do know, — the fault was not in the seed.

Complaints that seed are not good are perennial; and we quite believe, that, in nineteen cases out of twenty, they arise from injudicious treatment. We think a little consideration would convince any one, that, if we know our own interest, we should not be likely to send out poor seed, for the sake of saving a few shillings, at the risk of sacrificing the trade we are striving to extend. Nothing, indeed, is more barbarous than the way in which seeds are sometimes treated. Some are overwhelmed with earth; others are scattered on the surface; some are allowed to lie in a puddle; some are planted where no rain can reach them; slugs are allowed to devour them; domestic fowls and other birds are permitted to feast on them. Another reason why seeds sometimes fail to give satisfaction is, that people are too much in a hurry to get their seeds into the ground; and probably more disappointment arises from too early sowing than from all other causes put together. And then, again, many will allow the weeds to grow with the seeds, until the former cannot be removed without destroying the latter; and we have known more than one case where the plants have been pulled up with the weeds, — the person not being able to distinguish between them. In all these cases, the seeds are found to be in fault, and the blame is most unreasonably thrown upon the seedsmen.

We would suggest to our friends who fail to grow their seeds, that it may be as well to inquire whether any of these ingenious methods of destroying vegetable life have been practised in their own cases.



HOT-BED FRAME. — See p. 11.

THE

Summer Flower-Garden;

CONTAINING

BRIEF DIRECTIONS FOR THE CULTIVATION OF ANNUAL BIENNIAL, AND PERENNIAL FLOWER-SEEDS.



ANNUAL flowers are not only among the most beautiful ornaments of the summer flower-garden, but the ease with which they are cultivated, and the long time they remain in bloom, give them the highest claim to our attention and care. Without them, however much we may admire the various showy bedding-plants, a continuous and uninterrupted display of flowers, from spring till frost, cannot well be obtained; and when we add the charm of novelty, and the still greater one of variety, we have only enumerated a few of the claims of these most desirable and effective ornaments of the gardens of "the million."

In consequence of their simple culture, and the small amount of trouble they give to the amateur, as well as their comparative inexpensiveness for their rich array of beauty, they are yearly becoming more generally grown. Bedding-plants are charming objects; but the yearly propagation required for geraniums, verbenas, &c., the labor of potting and watering, and the expense of wintering them, are not within every one's means; but a few dollars expended in seeds, and a little pleasant labor in the sunny days of early spring, will give an amount of real enjoyment beyond belief. The most desolate garden may be made a scene of beauty in scarcely more than a month's time. Annuals are not what they were in former days. The skill of the hybridizer in the production of new varieties, and the diligence of the enthusiastic florist in the selection of the finest plants, have entirely changed the character of many of these flowers; and, if to this we add the new acquisitions from Japan, how could we well make up a summer-garden without them? What should we do without the grand Peony-flowered Asters, the brilliant double Zinnias, the boldly-marked and rich-colored Petunias, the Double Portulacas,—like miniature roses,—the Hedderwiggi Pink, the Tropæolum, &c.? These give an entire new feature to our annuals, to be cherished by every lover of beautiful flowers.

We therefore make no apology for giving a few brief hints on the cultivation of these, as well as some of the biennials and perennials, equally important in the decoration of the flower-border.

ANNUALS.

Among florists and gardeners, the term "annual" is given to those plants which are sown in the spring, bloom and seed in the summer, and soon afterwards perish. A few are included among annuals, like the Marvel of Peru, &c., because they flower the first year; but they are only annual as regards treatment. By cultivators they have been divided into three classes; viz., *Hardy*, *Half-Hardy*, and *Tender Annuals*,—a very convenient classification; and as such we shall treat of them here.

HARDY ANNUALS.

These are so called because they do not require any artificial heat at any period of their growth, and are capable of enduring any ordinary weather from April to November; a frosty morning, not unusual in the former month, or even in May, doing them no injury, if advanced beyond the seed-leaf. Many of them may be sown in Autumn; and the young plants will make their appearance early in spring, and flower stronger than when it is deferred till April.

The Soil and its Preparation.—The best soil for annuals, and indeed for most flowering plants, whether biennials or perennials, is a light, rich loam, neither too sandy nor too stiff.

In such they grow readily, and attain to great perfection of bloom, with but little care; but it is hardly necessary to say, that few persons have just such a soil, nor is it possible often for the cultivator to have much choice. He must take such soil as he has, and make the most of it, and by the application of proper manures, or sand or clay, he can bring it to such a condition as to answer all the purposes of a flower-garden. Moving large masses of soil is very expensive; and writers who advise the addition of rich loam seem not to be aware of the difficulty of procuring it, or the expense and labor attending the same. For the complete garden of the wealthy, this may and should be done; but the mass of cultivators need not fear of obtaining good results without it. Deep and thorough trenching in the autumn, if possible, and the application of very old decayed manure or leaf-mould, will give the amateur a well-prepared and suitable soil. If the situation of the garden is low or damp, first of all it should be well drained; for, in addition to the injury from excessive moisture, such soils are cold, and the young plants are injured by early frosts, when they would escape damage in one of the opposite character: neither should the situation be too dry, as, in this case, the plants would suffer in summer, and present a meagre in place of a vigorous bloom. Where the soil is too light, a thin layer of clay, if to be had, spread over the surface in the autumn, and dug in, after being pulverized by the winter frosts, in the spring, is the best remedy. This, with the use of old manure, — that which has lain a year or more, and been frequently turned over till it becomes thoroughly decayed, — will keep the garden in good condition. No unvarying rules can be given: much must be left to the judgment of the amateur. He must understand that the soil of a good garden should be deep, well pulverized, friable, and rich; and, if the opposite, to make it as near that as possible.

When the flower-garden is to be a speciality, — a piece of ground set apart for that object, and laid out in geometrical order, and all the beds edged with box or thrift, — then more pains ought to be taken; and those who are about to do this, if they have not the requisite information, will consult something more than a catalogue. Our hints are intended for the mass of the people who love flowers, who have but little leisure, and do not wish to incur great expense in the gratification of their taste.

Period for Sowing. — This must depend much upon the season as well as the locality. Our Northern springs are so variable that no definite period can be named. As a general rule, the proper time to commence sowing is about the middle of April, though a few sorts may be planted as soon as the ground can be got ready; and, for a succession, the sowing should be continued until June. In the Southern States, of course, January, February, or March will be the time to sow, as they correspond with April, May, and June of the North. The Californian annuals, now so numerous and so ornamental, are very hardy, and should be sown early, as they get well established before the heat of summer. To avoid all danger of injury, the sowing may be deferred till the last of April; but, when a little labor is of no consideration, the sowing may be made earlier; and, in case of failure to grow, or subsequent injury from frost or wet, another sowing may be made when the weather is more favorable. Because we recommend April, it is not to be understood the sowing must be made at that time. The only object is to obtain a vigorous growth and early bloom. If sown in any part of May, they will flower later, but abundantly throughout the latter part of summer.

Mode of Sowing. — This must be varied according to the style of the garden and the variety to be sown. Many of the most showy and beautiful annuals are very impatient of removal; and these must be sown where they are to remain and flower. Such are the Lupins, Sweet Pea, Eschscholtzia, Poppies, &c. Indeed, most of the tap-rooted annuals will not bear transplanting. Other annuals, which may be transplanted, and some of which flower stronger for removal, may either be sown in the places where they are to bloom, or in prepared beds, from whence they are to be transplanted to the flower-garden. In small gardens, undoubtedly the best way is to sow where they are to remain, thinning out the superfluous plants. This gives the least trouble; but in larger gardens, or where there are beds of early spring bulbs to be filled, the safest and best plan is to sow in well-prepared beds, and, when the young plants are of proper size, to transplant to the flower-garden.

Never sow seeds when the ground is very wet, particularly early in the spring. Select a time when the soil is neither wet nor dry. The sowing must be left to the taste of the cultivator, and the extent of surface. If there are vacant beds, the seeds may be sown in rows across the bed; but if in the border, where there are only limited spaces among the perennials or bulbs, they may be planted in masses or groups, in which mode we think annuals produce the greatest effect. Our plan has always been to mark out a circle a foot or more in diameter, and level the ground evenly and nicely with the rake; then, with the back of a trowel, press the surface firmly down; around the circle make a slight drill of the proper depth, in which the seeds are thinly sown, covering them lightly, and again pressing the earth upon the seeds with the back of the trowel. If the soil should happen to be too wet, or stiff and adhesive, fill the drill with some light sandy loam, and make firm before ordered.

And here we should remark that great care should be exercised in covering the seeds. It is the great error to cover too deep; and the cause of more than half of the complaints against seedmen of selling old and worthless seeds comes from inexperience or want of judgment in

A MATEUR CULTIVATOR'S GUIDE.

sowing. No rule can be given in this respect; but, as a general guide, all large seeds, such as Sweet Peas, Lupins, &c., may be sown half an inch deep, — smaller, less; and for the smallest, such as Clarkia, Pinks, &c., a covering of one-sixteenth of an inch suffices. If sown too deep, they are longer in germinating, and are liable to decay. Avoid the general error of sowing the seeds too thick; as it causes an elongated and feeble growth, which no subsequent thinning will entirely remedy.

If the weather should be warm, or the soil very dry, it will be advisable to give a slight watering with a watering-pot with a fine rose. It is not often that seeds planted in April need watering; but later in the season they frequently require it. Use water of the same temperature of the soil; or, if warmer, it will do no harm. The waterings should be given early in the afternoon, and repeated every few days; as, when the seeds begin to swell, they are more susceptible of injury from drought, and the young plants often perish when it is neglected. A good plan with very small seeds is to cover them with an inverted flower-pot, being careful to remove it before the young seedlings appear above the surface, otherwise they will be drawn up weakly, and are likely to be injured by the hot sun or a cool night. Seeds vary in their period of germination. Some will be above ground in a week, while others require two or three weeks.

As soon as the seedlings have made three or four leaves, and are an inch high, they should be thinned out. If they are kinds which will bear removal, they may be replanted in vacant spaces in the border. No rule can be given for thinning. Tall-growing plants with spreading branches will require more room than slender-growing dwarf kinds; and in this the cultivator must be guided by the Catalogue. Stir the soil around the plants from time to time; and, if they appear crowded, a second thinning will be of great benefit to those that remain. If the growth is not strong, from the nature of the soil, apply occasionally a very small amount of guano or bone-dust.

Transplanting.—Presuming that many cultivators will sow their seeds in prepared beds, whence the plants are to be removed to the borders to bloom, it is necessary that the work should be carefully performed to insure success. Transplanting should, if possible, always be done in cloudy weather, and towards evening. If the soil is dry, the plants will require a light watering to settle the earth around the roots; and, if warm sunny days succeed the operation, they will root all the better to have a little shade for a day or two, which may be done by spreading an old newspaper over them, or covering with a mat, removing either at night. All large-growing plants should be transplanted singly; but many of the smaller may be removed in patches, without any trouble, if the soil is previously well watered. We have found very little difficulty in moving Zinnias, Asters, and smaller plants, after they have begun to bloom. After the plants are established, they will need no other care than to tie up the taller-growing sorts to stakes to prevent the wind and rains from beating them down to the ground, and injuring their blossoms.

HALF-HARDY ANNUALS.

We have already remarked that half-hardy annuals are those that require the aid of artificial heat to assist germination; but it should be remarked that this is not absolutely necessary if the sowing is deferred until the ground is warm, — say the last of May. This is exemplified in the Portulaca, which sows itself: but the plants never appear above ground till June; and those who do not wish the trouble of sowing seed early should plant in open ground in May. But, to gain time, and insure an early and abundant bloom, it is best to plant early, and assist the growth by a gentle artificial heat. Some of the most magnificent annuals are embraced in this class, of which the Aster, Zinnia, and Balsam are examples. The cheapest, most convenient, and simplest mode of doing this is the ordinary hotbed of stable manure, which gives a gentle bottom-heat quite sufficient for any of this class. Its construction is simple, and generally understood by most owners of a garden; but, as there may be some of our readers who do not know how to make a good hotbed, we add the details at the close of our remarks, observing, however, that it is so valuable an aid in the forwarding of flowers as well as vegetables, that no one having a garden can well dispense with it.

Presuming that the bed is made and all ready for use, the seeds may be sown on the prepared soil, just the same as in the open ground, and afterwards transplanted to the borders; but, as this is often attended with many failures in inexperienced hands, it is the safest to sow the seeds in pots or pans; if in neither of these, in shallow boxes. The pots should be about four or five inches in diameter, and should be perfectly clean. The soil should consist of a uniform compost of light, sandy loam, enriched with some fine leaf-mould, avoiding any raw or crude manures, which are certain to injure the young plants. Put in a few crocks at the bottom of each pot, for drainage, and fill to the brim with the compost, giving the pot one or two gentle knocks on the bottom to settle the earth, which should be within half an inch of the rim. Level the surface by gently pressing it with the bottom of a pot, or a circular piece of wood made for the purpose, as this will not only be beneficial to the seeds, but assist in distributing them more evenly and regularly over the soil. Observe the same rules, in regard to covering, that we have already named. Some kinds will

need nothing more than a thin sprinkling of earth just to fairly cover the seeds; and each pot should have the surface again gently pressed down; a slight watering with a very fine rose will complete the operation of sowing.

When all the pots are filled and planted, and marked, as they should be, with the name of each, and date of sowing, upon a neat label, remove them at once to the hotbed or frame, and place them perfectly level, so that each pot may receive its proper proportion of water evenly over the surface. If there are but a few pots, and a greenhouse is at hand, they may have a place on a sunny shelf, near the glass, shading them during the middle of the day. Shading will also be necessary in the hotbed. The temperature should not exceed 75° or 80°, or the seeds will germinate too quick, and be drawn up weakly. As the seedlings appear above ground, give air by tilting the sashes at the back. Give water as the pots require it (which is usually once a day), and always of the same temperature of the bed, and be careful in the operation not to wash away or destroy the young and slender seedlings. During cold nights, a mat may be thrown over the frame, which will prevent the loss of heat, and maintain a more even temperature. As some of the seeds will make their appearance before others, those that appear above ground should be placed together towards the back of the frame, where they can have a greater abundance of air, and be more freely watered, than the others. As the plants acquire a proper size, they should be thinned out, so as not to injure those that remain; and then, when further advanced, should be transplanted into four-inch pots,—one, three, or five plants in each, according to the variety,—using a compost similar to that in which they were sown, replacing the pots in the bed, and shading slightly till they are well established, and able to bear the full sun. Those that are later in vegetating should be treated in the same manner, until all are transplanted, unless it is such kinds as will not bear removal safely; and must be allowed to remain in the pot in which they were sown, thinning them out, so that not more than three or five plants are left. The Cypress-vine, Thunbergia, &c., are of this character.

By the middle of May, the seedlings will be ready for transferring to the beds or borders where they are to bloom; but, before this is done, the plants should be "hardened off," as it is termed, in order to prepare them for the change. This is effected by gradually giving the plants more air, and, when the weather is favorable, both day and night, removing the sashes wholly during the day; or, if more convenient, removing them to a cold frame, where they can be fully exposed in the daytime, and protected at night, if cold, with a covering of mats. Much must be left to the judgment of the cultivator and the amount of available space, the object being to prevent the plants from being injured by a too sudden exposure to the open air. Proceed, in transplanting, as we have already recommended under that head for hardy annuals.

TENDER ANNUALS.

We have stated that the classification of hardy, half-hardy, and tender annuals was a convenient one; but, really, there is scarcely an annual but will grow freely in our climate in the open ground in summer. The term *tender* has been applied by English gardeners because the plants do not attain full perfection unless grown in pots in the greenhouse. Such are the Globe Amaranth, Balsam, Egg-plant, &c. All the tender annuals, therefore, may be treated in the same manner as the half-hardy, and with equal success.

BIENNIALS AND PERENNIALS.

Biennial and perennial plants are almost indispensable additions to the flower-garden, displaying their blossoms both early and late, succeeding and even flowering with the spring bulbs, and continuing long after the frost has destroyed the hardiest annuals. They are also so easily cultivated, and require so little care for their great amount of beauty, that they must be ranked as the most permanent and showy objects of the flower-border. We only need name the Larkspur, Phlox, Lychnis, Coreopsis, Saxifrage, &c., as a few among the many imposing and elegant groups.

Biennials are those plants that generally do not flower until the second year, and, after blooming, die. These include, however, many splendid species, such as the Foxglove, Canterbury Bells, Sweet Williams, Hollyhocks, &c. Perennials are plants which generally do not bloom until the second year, but continue to bloom for years in succession, and may be propagated, after once obtained, by division of the roots, growing more vigorously and flowering better if divided and replanted every three or four years.

The proper time for sowing the seeds of hardy kinds is in April or May, at the period of sowing the hardy annuals, in order to obtain a good strong growth the first year, and a greater abundance of flowers the second; but the sowings may be continued with success as late as August, after which the plants will not become strong enough to flower the following year. Whether the seeds are sown in beds or in the border, the young plants should be thinned out, and afterwards transplanted, just as we have directed for hardy annuals, only giving them more room, and encouraging a vigorous growth by hoeing, watering, &c. On the approach of severe frosty weather, protect the plants with a light

AMATEUR CULTIVATOR'S GUIDE.

covering of leaves or coarse manure, and the succeeding year they will blossom in great profusion.

SPECIAL DIRECTIONS TO AMATEUR CULTIVATORS.

In addition to the preceding remarks, which are given as the results of our own practice for many years, and which, we think, are adequate for all general purposes, the following special directions are added for the guidance of amateurs in the treatment of many of the more choice and new flowers enumerated in our Catalogue. If carefully followed, it is hoped they will remove all causes of failure in the attempt to cultivate many of the most beautiful plants.

Zinnias may be treated precisely like the **Aster**. The double varieties, in eight distinct colors, are superb ornaments of the garden.

Epacris, Heaths, Azaleas, and Rhododendrons should be planted in boxes or pans, well drained, and filled with light, very sandy loam, with a small quantity of peat. Make the earth firm, and give a thorough watering before sowing. Cover the surface with a little sand, upon which the seed should be thinly sattered, covering with the least possible quantity of fine sand. Place the pans or boxes in the greenhouse, where they can be wholly shaded from the mid-day sun, and lightly damp the surface when dry. The young plants will make their appearance in three or four weeks; and, when strong enough to handle easily, transplant into boxes an inch or two apart, and gradually harden them off, so as to remove to frames or the open air.

Calceolarias, Cinerarias, and Chinese Primrose require similar treatment. The seeds of the former are so minute, that they are liable to be destroyed by covering; and complaints are frequent of the failure to make the seed grow. If the following directions are carefully observed, an abundance of plants may be easily raised:—

The seed should be sown in pots prepared in the following manner: The pot to be half filled with drainage; over that, rough sittings of the mould, and the surface covered with soil as fine as possible, half of which should be composed of silver sand. When prepared thus, it should be watered with a fine rose, immediately after which sow the seed carefully, without any covering of soil. The pots should then be placed under a close frame or hand-glass, in a shady part of the garden (no artificial heat being required). In large establishments, of course, they may have propagating or other houses that will do, where the same kind of moist temperature could be obtained; but any exposure to the sun must be carefully guarded against by mats or paper. If the situation is of the proper temperature, they will require watering but very seldom. Directly the seedlings are strong enough, they must be pricked off in pots prepared as before, and placed in the same situation. From the store pots they will require to be potted off singly; after this they will grow very rapidly. Through the winter the plants will thrive well on the shelves near the glass, in the greenhouses; and to obtain fine specimens, they must be shifted freely till the flower-stalks have started, and should always be smoked with tobacco directly the green-fly appears, as no plants in cultivation so readily suffer from this insect as the *Calceolaria*.

It is necessary to remark, that one of the most frequent causes of the appearance of these injurious insects is the plant becoming *root-bound*; to avoid which evil, it is important that it should frequently be repotted during the growing season.

Ancias of all kinds should have *scalding* water poured over the seeds, and be allowed to soak for twelve or twenty-four hours: they should then be planted in pots, in light, rich, sandy soil, covering one-fourth of an inch deep, and placed in the hotbed or greenhouse.

Globe Amaranth, Linum, and Cypress-Vine seeds should be soaked in tepid water for twelve hours, to insure a quick germination. Rub the seeds with a little dry sand when ready for sowing.

Liliums of all kinds should have their seed planted immediately they are gathered, if possible, as they vegetate sooner. They remain good, however, for three or four years; but, when sown in spring, do not often vegetate until the second year.

Cyclamens should be sown in the greenhouse or hotbed, in pans of light rich soil, well drained. Transplant singly into pots, and keep them constantly growing the first year.

Stocks of the winter-flowering varieties should be sown in July, and pricked off singly into small pots, shifting them as they require it, and keeping them in cold frames as long as it can be safely done.

Canna-Seeds have a hard, horny covering, and require to have the seed soaked in warm water for ten or twelve hours, planting them in hotbed while the heat is brisk and strong. Transfer to the open ground June 1st, and take up the roots before hard frosts.

Gloxinias and Archimenes require to be grown in pots in the greenhouse, or a warm one. The soil should be light and rich, — leaf-mould, loam, and sand.

Ferns are easily raised from the spores (or seeds) with a little care. Sow in pots, which should be half filled with a good drainage of crocks, and the remainder, to within an inch of the rim, with coarse sandy peat, or leaf-mould; make the surface smooth, and cover with a thin layer of sand; on this sprinkle the spores. Set the pot in a pan of water, in a warm, shady part of the greenhouse, and cover with a pane of glass. In a month or two, the plants will be ready to pot off singly in small pots.

CONSTRUCTION AND MANAGEMENT OF HOTBEDS.

We have already alluded to the importance of a hotbed for the successful growth of many of the half-hardy annuals and more delicate greenhouse plants. Though most or all kinds of seeds may be raised in a frame without bottom-heat, yet this can only be done so late in the season, when the weather has become warm, that many of the annuals are late in blooming, and the greenhouse plants do not ripen and mature their wood, and are therefore ill adapted to winter well. It is to obviate this that the hotbed is recommended to all amateurs. It is so easily made, and at such slight expense, that it will well repay all who would secure an abundance of flowers early in the season. (See illustration, page 4.)

Situation of the Bed.—This should be in a warm position, fully exposed to the sun, facing the east or south, and sheltered by a fence or hedge on the west or north. The soil should, if possible, be light and dry, as in this case the bed can be sunk a foot or more in the ground; but, if damp or cold, it should be built upon the surface.

Making the Bed.—Manure fresh from the stable is best. This should be thrown over and thoroughly shaken up with the fork, making it into a conical heap. In this state it should be allowed to remain four or five days, at the end of which time it should be turned over, shaking it up as before. At the end of another three or four days, it will be ready to make up the bed. Lay out the ground six inches larger than the frame, and put down a stake at each corner. The frame may be of any size; but the most convenient is nine by three feet, which will take three lights, three by six feet, the ordinary size, which can always be had ready made. Proceed to build up the bed to the height of two and a half or three feet, making it rather firm, and watering, if the manure is dry. When the bed is finished, put on the lights, and let it stand to settle and exhaust the violent heat. In a day or two add three or four inches of light sandy loam, spreading it evenly over the bed. If the seeds are to be sown in the soil of the bed, two or three more inches should be added; but, if in pots, no addition will be necessary.

The pots being ready, and sown with the various seeds, should be put into the frame, shading them during the day, and regulating the temperature by tilting the lights at the back, both night and day, and covering at night with mats. Plunge the pots in the soil, and, with proper care, the seeds will soon be above the soil. A thermometer placed in the bed will be the safest guide to the inexperienced. It should not rise above 85° in the day, nor sink below 60° at night. As the heat declines, linings of fresh manure should be applied around the outside of the bed; but, ordinarily, for seeds this is not necessary.

The length or number of the frames is immaterial; but they should be nine to twelve inches deep at the front, and fifteen to eighteen inches at the back. This will give a good slope to carry off the rain. Cold frames are simply the hotbed-frame set upon a warm spot of ground, covering it at night to keep in the warmth accumulated during the day.

Commendations.—To attempt the publication of the numerous commendatory letters would fill several pages of our Catalogue. Gratifying as this would be to us, we are compelled to omit even the briefest extracts from the hundreds of letters expressing the satisfactory manner in which their orders have been executed, and the pleasure derived from the cultivation of our seeds.

WASHBURN'S AUTUMN CATALOGUE

OF

SPLENDID FLOWERING BULBS,

CONTAINING A LIST OF THE

Choicest Hyacinths, Tulips, Crocuses, Lilies, &c.,

With full and explicit directions for their culture, will be forwarded, postpaid, upon receipt of ten cents, to all applicants. Address,

WASHBURN & CO., Horticultural Hall, Boston, Mass.

THE FLOWER-GARDEN.

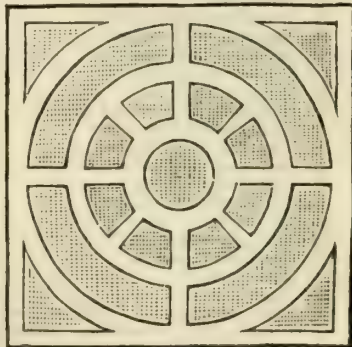


THE arrangement of a flower-garden must depend so much upon the taste or fancy of the cultivator, that it is very difficult to lay down any rules applicable to general use. All we can do to aid the inexperienced is to give such plans as display correct principles in their general features, which will serve as a guide in grounds of smaller or larger extent. Of course, we have reference to flower-gardens, or spots of ground set apart for annuals, bedding-plants, or bulbs; as any thing more extensive would be beyond the scope of a catalogue.

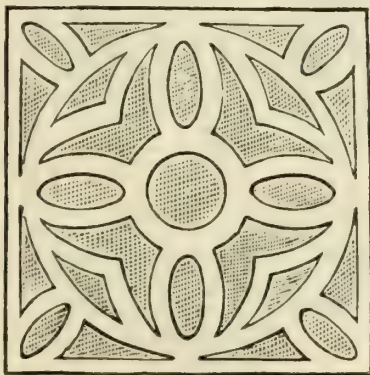
Where the flower-garden already exists, and is laid out in beds or borders for miscellaneous plants, all the information necessary to the amateur will be found in our preceding remarks, except that, perhaps, in reference to the disposition of colors. If, however, the form is not a fanciful one, or one laid out in the true principles of the geometrical style, it may be remodelled upon some plan which will combine the merits of those we now annex.

Commencing with the simplest form of ground, where there is no pretension to artistic display, the two following will be found well adapted for annuals or bedding-plants, or the two combined.

In the first plan (No. 1), the ground may be arranged as follows: In the centre may be double Zinnias, if a grand display is desired; but if not, then Zinnias, Marigolds, Asters, and similar tall-growing annuals, placing the tallest in the centre. The eight small beds adjoining the centre one may be planted in alternate colors, or mixed with Clintonia, Portulaca, Verbenas, Pansies, Agrostemma, Lobelias, &c. The four larger beds may be planted in four different colors, or mixed, or in ribbon style; in the latter case, using *Perilla Nankinensis* for the centre row, and other decided colors for the outer rows, which should be dwarf at the edge. The four corner-beds may be filled with Mignonette, Sweet Alyssum for the fragrance, or with other more showy plants.



No. 1.



No. 2.

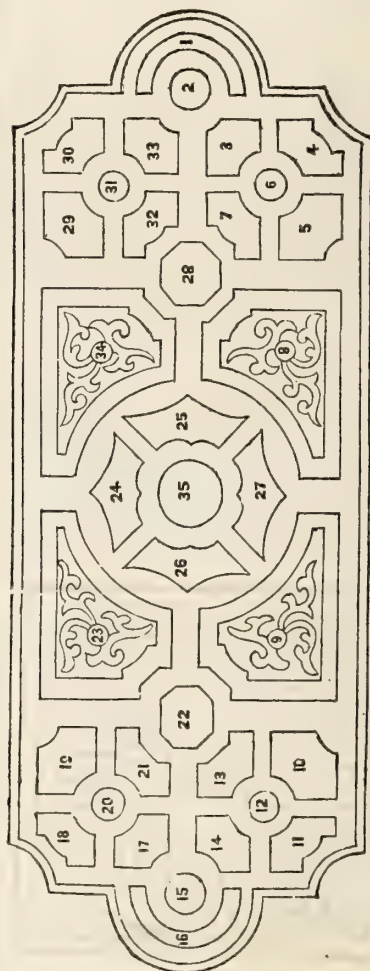
The second plan (No. 2) admits of a greater display, and particularly if masses of one color are desired. The centre may be filled with any tall plants of one color; viz., Zinnias, Asters, Marigolds, or Balsams. Two of the four oval beds may be Portulaca, scarlet and white, or golden and scarlet; the other two with blue and white Lobelia, or crimson and white Candytuft. Two of the four large beds between the oval ones may be planted with

Tropæolums in two colors, and the other two with crimson and variegated Petunias. The four small beds may be planted with Abronia Umbellata, Nolana, Phlox Drummondii, and Linum Grandiflora. The four oval corner-beds may be planted with ornamental-foliaged plants, Perilla in two, and Coleus Verschaffeltii in the other two. Four of the small corner-beds may be filled with Mignonette and Alyssum, and four with Dianthus Heddwegii. These may be varied to suit the fancy of the possessor with the newest annuals described in the Catalogue, selecting them according to colors and height of growth. All the beds should be edged with box or thrift. The extent of ground is thirty-two feet square.

For more artistic and complete grounds, we add plans from one of the most elegant flower-gardens of England.

The first plan (No. 3) is extensive and elaborate in design, and evinces artistic skill and arrangement of a high order. The length of the garden is a hundred and sixty feet, and the width seventy-two feet. The walks are of gravel, and the beds are all edged with box. It may be filled with bedding-plants or with annuals; and, supposing the amateur to desire a mixture of the two, the following is an appropriate list; Scarlet Geraniums and Verbenas being the most effective of bedding-plants:—

1. Verbena (blue).
2. Verbena (white).
3. Pansies, of the fine showy sorts.
4. Portulaca (white).
5. Tom-Thumb Geranium.
6. Verbena (striped).
7. Portulaca (golden).
8. Campanula Carpatia, with Treo-Rose in the centre.
9. The same.
10. Tom-Thumb Geranium.
11. Portulaca (white).
12. Verbena (striped).
13. Portulaca (golden).
14. Pansies, of the fine showy sorts.
15. Verbena (white).
16. Verbena (blue).
17. Ageratum.
18. Heliotrope.
19. Tom-Thumb Geranium.
20. Verbena, Sunset (rose).
21. Portulaca (golden).
22. Portulaca (scarlet).
23. Same as No. 8.
24. Geranium, Lucia Rosea (pink).
25. Tom-Thumb Geranium.
26. Tom-Thumb Geranium.
27. Geranium, Lucia Rosea (pink).
28. Portulaca (scarlet).
29. Tom-Thumb Geranium.
30. Heliotrope.
31. Verbena, Sunset.
32. Portulaca (golden).
33. Ageratum.
34. Same as No. 8.
35. Vase, or Statue. If a vase, to be filled with Verbenas, Petunias, &c. If a statue, to be surrounded with a circle of Oxalis Floribunda.



But, when it is intended to be filled with annuals, this may easily be done by substituting Candytuft, Alyssum, Eschscholtzia, Lobelia, Agrostemma, Petunias, Dwarf Convolvulus, Clarkias, &c.

AMATEUR CULTIVATOR'S GUIDE.

COLLECTIONS OF FLOWER-SEEDS, BY MAIL, FREE OF POSTAGE.

In order to more extensively disseminate our choice varieties of Flower-seeds throughout the country, giving those who reside at a distance the same facilities for procuring them as those who have the opportunity to make personal application, we put up select assortments expressly for sending by mail, giving particular attention to this department of our trade. The low rate of postage enables us to supply distant customers with all the choicest seeds upon the same terms as those who are near the market. Orders may be forwarded to us with the understanding that the seeds we furnish are of the very best quality, and the selection such as will gratify every purchaser. Our collections are made up with great care, and all the varieties, unless those entirely new, are such as we have seen and cultivated ourselves, and can confidently recommend; many of the superb double varieties being such as have been raised from the fine flowers, specimens of which have obtained the highest prizes of the Massachusetts Horticultural Society.

No. 1 contains twenty-four varieties of choice and beautiful Annuals	\$1.00
No. 2 contains twenty-four varieties of the finest hardy Biennials and Perennials	1.00
No. 3 contains ten varieties of extra fine Annuals and Perennials, including the beautiful French Asters, Double Camellia Balsams, Double German Stocks, and other choice flowers.	1.00
No. 4 contains five varieties of very select flowers, including the best large English Pansies, Carnations, new Verbenas, new Double Zinnias, &c.	1.00
No. 5 contains one hundred varieties of Annuals, Biennials, and Perennials, including new and choice varieties	5.00
No. 6 contains fifty varieties of Annuals, Biennials, and Perennials	2.50
No. 7 contains twenty varieties of hardy Annuals, Biennials, and Perennials, for autumn sowing, in August and September	1.00
No. 8 contains fifteen different and choice kinds of greenhouse-plant seeds.	3.00

The seeds in these assortments are all of our own selection. Purchasers who would rather make a selection from the Catalogue can do so, and a proportionate discount will be made.

FORMATION OF CLUBS.

The extensive distribution of our seeds is an especial object. Our Catalogue has been prepared with much labor; and it has been our constant aim to make it a complete and safe guide to the cultivator, both in the selection of varieties and their growth. As an additional inducement to individuals who desire to possess a large collection, or for the formation of clubs for the same object, we offer to send by mail, *free of postage*, to any address in the United States, on receipt of the amount of the order, seeds selected as follows:—

Purchasers remitting \$1.00 may select seeds at Packet prices, amounting to \$1.15	
“ “ 2.00 “ “ “ “ “ “	2.35
“ “ 3.00 “ “ “ “ “ “	3.65
“ “ 4.00 “ “ “ “ “ “	4.95
“ “ 5.00 “ “ “ “ “ “	6.25
“ “ 10.00 “ “ “ “ “ “	13.00
“ “ 20.00 “ “ “ “ “ “	27.00
“ “ 30.00 “ “ “ “ “ “	11.50

Persons desiring us to make their selections may rely upon our sending only those which are really showy and handsome, and easy to cultivate. We believe that our experience will enable us to make selections that cannot fail to give entire satisfaction to any lady or gentleman who may send us their orders.

In sending orders for seeds by mail, it will be only necessary to give the date of the Catalogue from which the selection is made, and the numbers, instead of the names, of the varieties. The name of the person to whom they are to be sent, and the names of the Town and State, should be so plainly written, that there may be no mistaking a single letter. We often receive letters containing money, the signatures of which are so indistinct as to make it almost impossible to decide where and to whom the seeds are ordered to be sent.

The above prices apply only to flower and garden seeds in packets; for prices by ounce and pound, see vegetable-seed department, in this Catalogue. Prices to dealers on application.

Address,

WASHBURN & CO., BOSTON, MASS

THE AMATEUR CULTIVATOR'S GUIDE TO THE FLOWER-GARDEN.

ANNUALS.

To aid in making the selection of seeds, the botanical name is given, and the popular name when there is such, together with the natural order to which it belongs, as indicative of the general character of the flower. These, with the full remarks, will enable the amateur to make a judicious selection.

Wishing to make this book as simple as possible, we have divided the flower-seeds into classes, viz.: Annuals, Biennials, Perennials, Greenhouse, Summer Climbers, Everlastings, and Ornamental Grasses.

In giving orders for seeds, it is preferable to mention the numbers: but, as the numbers are often changed, it is absolutely necessary to give the date of the Catalogue.



ABRONIA UMBELLATA.

ABRONIA. NAT. ORD., *Nyctaginiaceæ*.

A charming plant, with Verbena-like heads of sweet-scented flowers. Very effective in beds, rockwork, or in baskets suspended in a conservatory; growing freely in any light, rich soil, and flowering from August to October.

NO.

1 *Abronia Umbellata*, rosy-lilac, half-hardy annual; from California. $\frac{1}{2}$ ft. high \$0.10

PRICE.

AMATEUR CULTIVATOR'S GUIDE.

NO.

PRICE.

AGERATUM. NAT. ORD., *Compositæ*.

Valuable plants for large beds or borders, and very useful for pot-culture. Very good for bouquets. Hardy annuals.

- | | | | |
|---|-------------------------------|--|-----|
| 2 | Ageratum Mexicanum. | Light-blue; from Mexico. 1½ feet | .05 |
| 3 | — Odoratum (fragrant). | Much like the Mexicanum; from Mexico | .10 |
| 4 | — Albiflorum Nanum. | Dwarf, white; fine for pots | .10 |
| 5 | — Cæruleum Nanum. | Dwarf, blue; fine for pots or open ground. | .10 |



AGROSTEMMA CÆLI ROSA, DWARF FRINGED.

AGROSTEMMA. (Viscaria.) NAT. ORD., *Caryophyllaceæ*.

A genus of remarkably pretty profuse-flowering plants, producing a striking effect in beds, ribbons, or mixed borders; growing freely in any good garden-soil. Hardy annual.

- | | | | |
|----|---|---|-----|
| 6 | Agrostemma Cæli Rosa, Dwarf fringed. | A fine variety of dwarf, compact growth, vigorous, and free-blooming; flowers lively rose-color, with a very white centre. The borders of the petals are finely fringed | .10 |
| 7 | — Cæli Rosa Hybrida Flore Pleno. | A new double variety of this very pretty plant, producing a profusion of densely-double flowers | .25 |
| 8 | — Alba. | Pure white; fine | .05 |
| 9 | — Oculata. | Pink, with rich crimson eye; from Algiers | .05 |
| 10 | — Dunnetti. | White, with dark eye | .10 |
| 11 | — Coccinea Nana. | Bright scarlet, with rosy-purple centre. 1 foot | .10 |
| 12 | Finest Mixed | | .10 |

ALYSSUM. NAT. ORD., *Cruciferae*.

One of the most useful, free-flowering little plants either for growing in pots, on rockwork, or on the open border; the annual varieties blooming nearly the whole summer.

- | | | | |
|----|----------------------------|--|-----|
| 13 | Alyssum Benthamii. | White, fine hardy annual. 1 foot | .05 |
| 14 | — Sweet (Maritima). | A well-known fragrant little annual; from England. 1 ft. | .06 |

AMARANTHUS. NAT. ORD., *Amarantaceæ*.

Ornamental foliaged plants, of an extremely graceful and interesting character, producing a striking effect, whether grown for the decoration of the conservatory or out-door flower-garden. If the seeds are sown early, and planted out the last of May or in June, in rich soil, they make exceedingly handsome specimens for the centre of beds, or mixed flower or shrubbery borders. Half-hardy annuals.

- | | | | |
|----|---|---|-----|
| 15 | Amaranthus Melancholicus. | Beautiful; rivalling the <i>Perilla Nankinensis</i> for groups and edgings. Dwarf habit; lively blood-red-colored foliage | .10 |
| 16 | — Caudatus (Love Lies Bleeding). | Very pretty; from East Indies. 3 feet | .05 |

NO.		PRICE.
17	Amaranthus Hypochondriacus (Prince's Feather). Red; from E. Indies. 3 ft.	.05
18	— Monstrosus . Very large and showy; from East Indies. 3 feet.	.10
19	— Tricolor (Joseph's Coat). An old favorite; beautiful yellow, scarlet, and green variegated leaves. 2 feet	.05

ANAGALLIS. NAT. ORD., Primulaceæ.

This is a class of beautiful trailing plants, that will be found highly ornamental for bedding purposes, as they bloom all the season. The *Anagallis* is also an old favorite for growing in greenhouses, presenting an extremely graceful appearance when cultivated in pots or vases. Hardy annuals.

20	Anagallis Grandiflora Eugenie . Beautiful light-blue, shaded from the centre to pure white. $\frac{1}{2}$ foot .10
21	— Garibaldi . Rich vermilion; rare. $\frac{1}{2}$ foot .10
22	— Memoria dell' Etna . New; large flowers, bright scarlet. $\frac{1}{2}$ foot .10
23	— Napoleon III. Rich crimson maroon. $\frac{1}{2}$ foot .10
24	— Philippii . Large; blue. $\frac{1}{2}$ foot .10
25	— Mixed (Indian varieties). Good .05
26	— Mixed (Large-flowered varieties). Very fine. .10

ARGEMONE. NAT. ORD., Papaveraceæ.

Exceedingly showy, free-flowering border-plant, with large, poppy-like flowers; succeeding well in any common garden soil. Hardy annual.

27	Argemone Grandiflora . White. 2 feet. .05
28	— Mexicanum . Yellow. 2 feet. .05

ASTER. NAT. ORD., Compositæ.

This splendid class of plants is not only one of the most popular, but also one of the most effective, of our garden favorites, producing in profusion flowers in which richness and variety of color are combined with the most perfect and beautiful form. It is indispensable in every garden or pleasure-ground where an autumnal display is desired. For flower-beds it stands unrivalled.

The Aster may be divided into two grand sections, — French and German. The French, as improved by Truffaut, has flat petals, either reflexed or incurved, the former resembling the *Chrysanthemum*; whilst the latter, by turning its petals towards the centre of the flower, forms, when well grown, a perfect ball, and is best described by its resemblance to the *Pæony*. The German varieties are quilled; and the most perfect flowers are surrounded by a circle of flat or guard petals, as in the *Hollyhock*. The flowers of these are particularly admired for the exquisite symmetry of their form. The dwarf-bouquet varieties of this beautiful germ grow from nine to fifteen inches high, and are particularly adapted for small beds, edging, or for pot-culture. They often flower so profusely as entirely to hide their foliage. All the varieties delight in a rich light soil; and, in hot, dry weather, should be mulched with well-rotted manure, and frequently supplied with manure-water. This labor will be amply compensated by the increased size, beauty, and duration of the flowers. Half-hardy annuals.

29	Aster French Pæony Perfection . The greatest perfection in form, size, and fulness of flower, of the <i>Pæony</i> class. In this variety the petals are turned towards the centre, and a flower not quite in full bloom: resembles a ball; a beautiful variety of colors; mixed. 1½ feet. .10
30	— Truffaut's French Pæony-flowered . Grown by Truffaut, the celebrated florist of Versailles, France. Twenty colors, mixed. .25
31	— Crown-flowered, or Cocardeau . The flowers of this variety have large white centres, surrounded by scarlet, carmine, violet, blue, and many other colors. Flower large and double; all colors, mixed. .10
32	— Chinese . The variety most commonly grown. Mixed. .05
33	— Original Chinese, with folded Petals . Mixed. The petals of this variety are folded in their length; the flowers are of an unusual size, from three to four inches in diameter; present the most striking colors of all Asters; plants tall. .19
34	— German Dwarf . A fine variety, growing only $\frac{1}{2}$ foot high; flowers similar to the double-quilled; good form. Mixed. .05
35	— Dwarf Bouquet Pyramidal . The flower of this variety, when well grown, forms a complete bouquet of itself. All colors, mixed. .10
36	— Boltze's New Bouquet . These novel varieties grow about eight inches high, are very double, rich, and free-flowering; very fine for pots or beds. .25



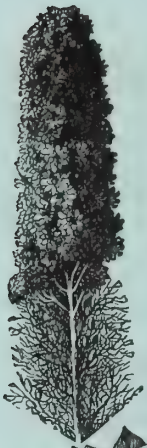
ASTER FRENCH PEONY PERFECTION. See No. 22.



CYCLAMEN. Prize varieties. See No. 695.



IPOMÆA LIMBATA ELEGANTISSIMA.
See No. 811.



DWARF STOCK-FLOWERED LARKSPUR. See No. 181.



VIOLA CORNUTA. See No. 626.



CANDYTUFT. Crimson. See No. 88.



ZINNIA HAAGRANA FLORE PLENO. See No. 361.

WASHBURN & COMPANY'S

NO.		PRICE.
57	Balsam Aurora-colored. Very striking and beautiful. 2 feet . . . . .	.10
58	— Pale Yellow. Sweet-scented; fine. 2 feet . . . . .	.10
59	— Isabella. Pale rose, changing to yellow . . . . .	.10
60	— Smith's Prize. From a celebrated English collection; very fine . . . . .	.25



ROSE BALSAM (Natural size).



BALSAM SOLFERINO (Half natural size).

61	— Good Mixed . . . . .	.05
62	— Solferino. This is one of the best varieties of double Balsams, with fine white flowers, striped, stained, and spotted with crimson; very showy . . . . .	.20

PRICE.

NO.

BARTONIA. NAT. ORD., *Loaseæ.*

- 63** *Bartonia Aurea* (golden). (See engraving). Flowers yellow, about an inch and a half across, which have quite a metallic lustre when the sun shines upon them; very showy. 2 feet , .05



BARTONIA AUREA.



CALAMPELIS SCABRA.

BRACHYCOME. (SWAN-RIVER DAISY). NAT. ORD., *Compositæ*.

A beautiful, free-flowering, dwarf-growing plant, covered, during the greater portion of the summer, with a profusion of pretty cineraria-like flowers, very effective in edgings, small beds, rustic baskets, or for pot-culture; succeeding in any light, rich soil. Half-hardy annuals.

- 64 Brachycome** (Iberidifolia). Finest Mixed; from Swan River. $\frac{1}{2}$ foot10

BROWALLIA. NAT. ORD., *Scrophulariaceae*.

Very handsome, profuse-blooming plants, covered with rich, strikingly beautiful flowers during the summer and autumn months. Half-hardy annual.

- 65 Browallia.** Mixed. Splendid assortment10

CACALIA (TASSEL-FLOWER). NAT. ORD., *Compositæ*.

A beautiful annual, with a profusion of scarlet tassel-shaped flowers from July to October.

- 66** *Cacalia Coccinia*. Scarlet, flowering in clusters, pretty; from S. Am. 1½ ft.05

- | | | | | | | | | | | |
|----|----------|--------------------------------|---|---|---|---|---|---|---|-----|
| 67 | — Aurea. | Golden yellow variety of above | . | . | . | . | . | . | . | .05 |
|----|----------|--------------------------------|---|---|---|---|---|---|---|-----|

CALANDRINIA. NAT. ORD., *Portulacææ.*

Very beautiful dwarf-growing plants, usually treated as tender annuals, though of perennial duration if protected in winter: they are a blaze of beauty wherever the sun shines upon them. They succeed well in a light, rich soil.

- 68 Calandrinia Lindleyana.** Small red flowers, suitable for edging. Half ft., .05

- 69 — **Grandiflora.** Fine rosy-lilac, very showy. 2 feet05

- 70 — **Umbellata.** Very dwarf, with bright crimson flowers in clusters. Half ft., .05

- 71 — ***speciosa alba***. Too much cannot be said in praise of this novelty, which is a pure white variety. Very dwarf habit. Useful for the edgings of beds, rockeries, and also as a pot-plant25

CALENDULA (CAPE MARIGOLD). NAT. ORD., *Compositae*.

A very showy, free-flowering genus of plants, producing a pretty effect in beds or mixed borders, and growing freely in almost any soil. Hardy annuals.

NO.		PRICE.
72	Calendula Pongei , fl. pl. Double white, fine, 1 foot . . . . .	.10
73	— Ranunculoides . Ranunculus-flowered . . . . .	.05
74	— Officinalis Superba . Golden orange, black eye, beautifully imbricated, . . . . .	.10
75	— Sulphurea . New sulphur-colored pot marigold; very double and beautiful, . . . . .	.10

CALLIRHOE. NAT. ORD., *Malvaceæ*.

Too much cannot be said in praise of this beautiful summer-flowering annual, from two to three feet in height, with green sub-digitate leaves and leafy stems, terminating in large paniced racemes of rich violet or purple crimson close-petalled flowers, with white centre, each from one to one and a half inches in width, and partially cupped; commences to bloom when about six inches high, and continues to yield a succession of its numerous attractive flowers throughout the summer and autumn, till hard frost, forming an elegant object for groups or beds.

- 76 **Callirhoe Pedata**. Rich violet-purple, with white eye, from N. America. 2 f. .10
 77 — **Verticillata**. A pretty creeper; flowers like C. Pedata, but double the size, .10

CALLIOPSIS, or COREOPSIS. NAT. ORD., *Compositæ*.

This genus is amongst the most showy, free-flowering, and beautiful of hardy annuals. The tall varieties are very effective in mixed borders and fronts of shrubberies; and the dwarf kinds, from their close, compact habit of growth, make fine bedding-plants, and are valuable for edgings; while the different varieties make very pretty ribbons. Hardy annuals.

- 78 **Calliopsis Bicolor Tinctoria**. A well-known favorite, the flowers having a dark-crimson, brown centre, with yellow rays. 2½ feet05
 79 — **Atropurpurea**. Yellow centre, surrounded by a circle of dark purple, beyond which, to the extremity of the petals, it is a fine red. 2 ft. . .10
 80 — **Cardiminifolia Hybrida**. Brilliant yellow; growth, pyramidal. 1½ f. .10
 81 — **Coronata**. Yellow; disk encircled with crimson spots; handsome. 1½ f. .05
 82 — **Drummondii**. Yellow, with crimson centre; fine; from Texas. 1½ ft. . .05
 83 — **Burridge's**. Flowers rich brown, tipped with orange. 2 feet. . .05

CAMPANULA. NAT. ORD., *Campanulaceæ*.

A genus of exceedingly beautiful flowers, all of which are characterized by the richness of their colors and the profusion of their bloom. The dwarf varieties are the most valuable for bedding-plants; while the whole genus is worthy of a prominent place in every garden. For other varieties, see Perennials.

- 84 **Campanula Loreii**. Fine, with large, expanded blossoms, which continue to be produced in succession through the summer; will grow in almost any situation; should be well thinned, so that the plants will be eight or ten inches apart; desirable for edging, or bedding, *en masse*. Mixed colors. Half foot .05
 85 — **Pentagonia**. Will bloom beautifully in open ground; requires the same treatment as C. Loreii. Mixed colors. ¾ foot05
 86 — **Attica**. A charming Grecian annual, forming compact plants about one foot in diameter, covered with deep-blue bell-shaped flowers10



CANDYTUFT, VERY DWARF WHITE. 20



CELOSIA, COCCINEA PYRAMIDALIS.

AMATEUR CULTIVATOR'S GUIDE.

NO

PRICE

CANDYTUFT. NAT. ORD., *Cruciferae*.

All the Candytufts are of the easiest culture, thriving in almost any soil or situation, and deserve to be cultivated more extensively in every flower-garden; very good for pot-culture. Hardy annuals.

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|----|---|-----|
| 87 | Candytuft Fragnans (<i>Iberis odorata</i>). Flower white; pinnated foliage. 1 foot . | .05 |
| 88 | — Crimson (<i>kermesina</i>). Bright and showy. 1 foot . | .05 |
| 89 | — Purple (<i>purpurea</i>). A favorite variety. 1 foot . | .05 |
| 90 | — Rocket (<i>coronaria</i>). Pure white; fine. 1 foot . | .05 |
| 91 | — Rose (<i>rosea</i>). Rose-colored. 1 foot . | .05 |
| 92 | — White (<i>amara</i>). One of the best. 1 foot . | .05 |
| 93 | — Lilac . Dwarf variety; interesting for its small, bushy size . | .10 |
| 94 | — Very Dwarf White . From 4 to 7 inches high, producing large compact bushes; finely cut leaves, which are, when the plant is in bloom, almost completely covered with a multitude of white flowers, sweet-scented . | .10 |

CATCHFLY (SILENE). NAT. ORD., *Caryophyllaceae*.

A showy, free-flowering plant, for beds, borders, or ribbons; succeeds in any garden soil. Hardy annual.

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|----|---|-----|
| 95 | Catchfly Lobels . Red; from England. 1½ feet . | .05 |
| 96 | — Alba . White; from England. 1½ feet . | .05 |

CENTRANTHUS. NAT. ORD., *Valerianaceae*.

Very pretty, free-flowering, compact-growing plants; very effective in beds, ribbons, or as an edging; grows freely in any garden soil. Hardy annuals.

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|----|---|-----|
| 97 | Centranthus Long-tubed (<i>Macrosiphon</i>). Rose-color; very pretty. 1 foot . | .05 |
| 98 | — Alba . White variety of the above. 1 foot . | .05 |

CENTAUREA. NAT. ORD., *Compositae*.

Very showy, free flowering border-plants, succeeding in any common garden soil. Hardy annuals.

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| 99 | Centaurea, American . A large-growing species; flower pink. . | .10 |
| 100 | — Depressa . Bright-blue, with deep-red centre. From Caucasus. 1 foot . | .10 |
| 101 | — Cyanus (Bachelor's Button). Well-known, in great variety of colors. . | .05 |

CHLENOSTOMA. NAT. ORD., *Scrophulariaceae*.

Compact little plants; pretty for rustic or rock work. Half-hardy annuals.

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|-----|---|-----|
| 102 | Chenostoma Fastigiatum . Rose-color. From Cape of Good Hope. ½ ft. . | .10 |
| 103 | — Polyanthum . Lilac. From Cape of Good Hope. ½ foot . | .10 |

CHENOPODIUM. NAT. ORD., *Chenopodiaceae*.

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| 104 | Chenopodium Atriplicis . Flowers small, clustered, covered, as well as the young leaves and shoots, with a glittering, purple meal, which renders the plant very ornamental. Hardy annual. 3 feet . | .10 |
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CHRYSANTHEMUM. NAT. ORD., *Compositae*.

The following are the tall, double-flowered annual Chrysanthemums, which, when well grown, are amongst the most showy and effective of summer-flowering border-plants. They are also very effective in large pots for placing about terraces. The dwarf kinds make showy bedding-plants.

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|-----|---|-----|
| 105 | Chrysanthemum Double-white . Extra fine hardy annual. From Sicily. 2 ft. . | .05 |
| 106 | — Yellow . Extra fine hardy annual. From Sicily. 2 feet . | .05 |
| 107 | — Tricolor . Yellow and white; very showy. From Barbary. 1 foot . | .05 |
| 108 | — Burridgeanum . Crimson, with white centre. From Barbary. 1 foot . | .10 |
| 109 | — Mixed . The above varieties mixed . | .05 |

CLARKIA. NAT. ORD., *Onagraceae*.

A beautiful tribe of favorite plants, with pretty, cheerful-looking flowers, growing freely and blooming profusely under almost any circumstances; and when planted in a rich soil, and properly attended to, they rank amongst the most effective of bedding-plants. Some of the new varieties are very good for pots, as well as the garden. Hardy annuals.

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|-----|---|-----|
| 110 | Clarkia Pulchella Grandiflora . Deep-rose. 1½ feet . | .05 |
| 111 | — Alba . Pure white; fine . | .05 |

NO.			PRICE
112	Clarkia Pulchella Flore Pleno.	Rich magenta flower; double; a very important addition to the many pretty varieties of the genus. 1½ feet	.10
113	— Marginata.	Rosy-crimson, edged with pure white. 1½ feet	.10
114	— Integripetala.	Rosy-crimson flowers; large and handsome. 1½ feet	.10
115	— Tom Thumb.	Rose-purple; dwarf; bushy habit; fine for pots. ¾ ft.	.10
116	— Mixed.	Good; mixed	.05
117	— Extra Mixed.	Including double varieties	.10



CLARKIA.

CLINTONIA. NAT. ORD., *Labellaceæ*.

A pretty little plant, of neat, compact growth, with flowers resembling the Lobelia, and exceedingly beautiful; produces a fine effect in rustic baskets, rock-work, vases, boxes, or as an edging. Half-hardy annual.

118	Clintonia Pulchella.	Blue, yellow, and white; dwarf, and very pretty. ½ ft.	.10
119	— Atropurea Grandiflora.	Violet-purple; margined with white.	.10
120	— Azurea Grandiflora.	Azure, blue, yellow, and white centre. ½ foot	.25

COLLINSIA. NAT. ORD., *Scrophulariaceæ*.

California annuals of great beauty; remarkably attractive in beds, mixed borders, or ribbons. Hardy annuals.

121	Collinsia Bicolor.	Purple and white; beautiful. From Canada. 1 foot	.05
122	— Alba.	White; a charming variety. 1 foot	.05
123	— Grandiflora.	Blue, white, and lilac; beautiful. From Columbia	.05

COLLOMIA. NAT. ORD., *Polemoniaceæ*.

124	Collomia Scarlet.	Flowers in clusters. From Chili. 1½ feet	.05
125	— Grandiflora.	Saffron color. From North America. 1½ feet	.05

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NO.

CONVOLVULUS. NAT. ORD., *Convolvulaceæ*.

PRICE

A beautiful, free-flowering, and remarkably showy class of plants, with exceedingly handsome, rich-colored flowers, producing in beds and mixed borders an unusually brilliant effect, either in distinct colors, ribboned, or mixed beds. Half-hardy annuals.

126	Convolvulus Minor Tricolor. Rich violet-purple, with white centre; trailer.	.05
127	— Striped. Blue; beautifully striped with white; trailer	.05
128	— Alba. White; beautiful trailer	.05
129	— Flore Pleno. A new double variety. From France	.10
130	— Monstrosus. Deep violet-purple; extremely large, and handsome trailer	.10
131	— Subcaeruleus. Dove-color; trailer; very pretty. From Levant	.10
132	— Cantabricus Stellatus. Beautiful pink, with pure white double star in the centre, and are produced in the greatest profusion. A splendid bedding-plant, and is exceedingly elegant in hanging-baskets	.25
133	— Mauritanicus. A beautiful creeper, with silvery foliage, and lovely blue flowers; fine for hanging-baskets and rock-work	.25
134	— Mixed. Good assortment of colors	.05
135	— Extra Mixed. All the finest varieties.	.25



DIDISCUS CERULEA.

DIDISCUS. NAT. ORD., *Umbelliferae*.

136	Didiscus Cerulea. Blue; a distinct and elegant plant. From Australia. Half-hardy annual. 1 foot	.10
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ERYSIMUM. NAT. ORD., *Cruciferae*.

Very showy, free-flowering, handsome hardy annuals; very effective in beds, mixed borders, or ribbons; succeed in any light, rich soil. Hardy annuals.

137	Erysimum Arkansanum. Sulphur-yellow; very handsome. From N. A. 1½ ft.	.10
138	— Peroffskianum. Orange; very showy. From Palestine. 1½ feet	.05

ESCHSCHOLTZIA. NAT. ORD., *Papaveraceæ*.

Annual plants, with showy flowers; natives of California; on which account, the first species introduced was called the California Poppy; exceedingly profuse, blossoming from June until frost. Hardy annual.

139	Eschscholtzia Californica. Bright yellow; rich orange centre. From Calif. 1 ft.	.05
140	— Crocea. Deep orange. From California	.05
141	— Alba. White. From California	.05
142	— Tenuifolia. Primrose, with orange centre; very compact. From Calif. ½ ft.	.05

EUCHARIDIUM. NAT. ORD., *Onagraceæ*.

Exceedingly pretty, profuse-flowering, compact-growing plants, very effective for bedding, edging, or ribboning; succeeds in common soil. Hardy annuals.

143	Eucharidium Grandiflorum. Deep rose-shaded pink. 1 foot	.10
144	— Album. Pure white; beautiful	.10

WASHBURN & COMPANY'S

NO. **EUTOCA.** NAT. ORD., *Hydrophyllaceæ.* PRICE
Showy, free-flowering plants, suitable for beds or mixed borders; succeeds in any light, rich soil. Hardy annuals.

145 **Eutoca.** Finest mixed10

EUCNIDE. NAT. ORD., *Loasaceæ.*

A charming golden-blossomed plant; alike effective and showy in mixed borders or grown in pots for conservatory decoration. Half-hardy annual.

146 **Eucnide Bartonoides.** Primrose; from Mexico10

EUPHORBIA. NAT. ORD., *Euphorbiaceæ.*

147 **Euphorbia Variegata.** Very pretty variegated foliaged plant. Tender annual .05

FENZLIA. NAT. ORD., *Polemoniaceæ.*

A splendid, profuse-blooming, neat little plant of dwarf growth, very effective in small beds, vases, or rustic baskets or boxes for conservatory or window decoration; remains in flower the whole summer; thrives best in a light, rich soil.

148 **Fenzlia Dianthiflora.** Rosy-lilac, crimson centre, with yellow anthers. Hardy annual. From California. 1½ feet25

FLOS ADONIS. NAT. ORD., *Ranunculaceæ.*

149 **Flos Adonis.** Handsome foliage, blood-red flowers; very pretty. Hardy annual .05

GAURA. NAT. ORD., *Onagrarica.*

A plant of light and graceful habit, with spikes of white and red-tinted flowers; a profuse bloomer. Half-hardy annual.

150 **Gaura Lindheimerii.** Very pretty. 2 feet10

GILIA. NAT. ORD., *Polemoniaceæ.*

This is a very pleasing family of annuals; may be sown at any time, and will bloom in almost any situation. The flowers are disposed in panicles or clusters; and, from its neat growth, it is admirably adapted for culture in masses or detached patches. The three-colored variety is the prettiest. Hardy annual.

151 **Gilia Achilleaefolia.** Lilac; from California. 1½ foot10

152 — **Alba.** A very fine variety, with pure white flowers10

153 — **Laciniata.** Distinct variety, blooming in corymbose form; blue. ½ ft. .25

154 — **Tricolor.** Yellow eye, surrounded by a purple ring bordered by pale blue .05

GODETIA. NAT. ORD., *Onagraceæ.*

All the varieties of Godetia are well worth growing, and indeed no garden can be said to be complete without them; their profusion of bloom and delicate tints of color have long rendered them universal favorites.

155 **Godetia Alba.** Pure white. 1½ feet05

156 — **Lindleyana.** Peach-lilac; carmine centre05

157 — **Rubicunda.** Rosy-lilac, with ruby centre05

158 — **Splendens.** Differing from the preceding; larger, brighter color .25

159 — **The Bride.** Cup-shaped blossom of pure white, with a broad and brilliant crimson ring at base of corolla25

160 — **Mixed.** The above mixed; choice25

161 — **Mixed.** Fine mixed05

GRAMMANTHES. NAT. ORD., *Crassulaceæ.*

A charming, profuse-flowering class of miniature plants, with beautiful star-shaped flowers, delighting in warm, sunny situations, and especially effective in rock-work, rustic baskets, or edging. Half-hardy annual.

162 **Grammanthes.** Finest mixed, including the choicest sorts25

GYPSOPHILA. NAT. ORD., *Caryophyllaceæ.*

A pretty, free-flowering, elegant little plant, best adapted for rustic rock-work and edging; succeeding in any garden soil. Hardy annuals.

163 **Gypsophila Elegans.** Small, starry, purple and white flowers. 1 foot . .05

164 — **Rose-colored.** A variety of the preceding, with rose-colored flowers. 1 foot .05

165 — **Muralis.** Neat and pretty; with small flowers, which cover the plant. ½ ft. .10

HAWKWEED. NAT. ORD., *Compositæ.*

166 **Hawkweed, Golden** (*Crepis Barbata*). An old but beautiful annual, of the easiest culture; covered with flowers, the rays of light yellow finely contrasted with the brilliant purple-brown centre. 1 ft. .05



VISCARIA. No. 356.



IPOMEA. No. 809.



SALPIGLOSSIS. No. 315.



DELPHINIUM FORMOSA.
No. 466.



SWEET WILLIAMS.
No. 611.



CONVOLVULUS TRICOLOR.
No. 126.



MARIGOLD, SUPERB GARDEN.
No. 215.



CUCUMIS FLEXUOSUS. No. 785.



TROPEOLUM LOBBIANUM.
No. 847.



RICINUS GIGANTEUS. No. 306.



BALSAMS. No. 53.



PETUNIA. No. 738.

AMATEUR CULTIVATOR'S GUIDE.

NO.

PRICE.

HELIOPHILA. NAT. ORD., *Cruciferae*.

Very useful, pretty little plants for small beds or edgings, flowering very profusely, and remaining a long time in beauty. Half-hardy annuals.

- 167 *Heliophila*. Mixed; a good variety of colors10

HELIANTHUS (SUNFLOWER). NAT. ORD., *Compositae*.

A splendid genus of the most showy plants, remarkable for their stately growth, and the brilliancy and size of their noble flowers. Hardy annuals.

- 168 *Helianthus Argrophyllus*. Yellow foliage; silky white. From S. Amer. 1 ft. .10
 169 — — *Striatiflorus*, Fl. Pl. Flowers double; yellow, striped with chocolate-brown; fine; compact in their growth, with beautiful silvery foliage .10
 170 — *Californicus*, Fl. Pl. Very large and double; from California. 5 feet .10
 171 — *Green-centred*. Yellow; double, with conspicuous green centre. 4 feet .10
 172 — *Macrophyllus Giganteus* (Giant Sunflower). A very large-growing variety, with only one flower; from Africa. 10 feet .10

HIBISCUS. NAT. ORD., *Malvaceae*.

One of the most ornamental, beautiful, and showy tribes of plants cultivated. Whether the hardy sorts be planted in mixed or shrubby border, or the more tender varieties be grown for in-doors decoration, they are all alike characterized by the size and varied beautiful colors of their flowers.

- 173 *Hibiscus Africanus*. Cream-color; rich-brown centre. Hardy annual. 1½ ft. .05

ICE-PLANT. NAT. ORD., *Ficoidaeae*.

A most singular, trailing plant, with thick fleshy leaves that have the appearance of being covered with crystals of ice; very ornamental for rock-work, or mixing with other plants in conservatory or flower-garden.

- 174 *Ice-Plant*. From Greece. Half-hardy annual05

IMPATIENS. NAT. ORD., *Balsaminaceae*.

Handsome, showy border-plant; succeeds in light, rich soil. Half-hardy annual.

- 175 *Impatiens Glanduligera*. Yellow and crimson; from East Indies10

JACOBEE (SENECIO). NAT. ORD., *Compositae*.

A useful and exceedingly showy class of gay-colored profuse-blooming plants, of the easiest culture; remarkably effective in beds or ribbons. Hardy annual.

- 176 *Jacobaea*. Double. Finest, mixed. 8 colors10
 177 — *New Dwarf Variety*. Compact habit; fine for pots or beds. Double. ½ ft. .25

LARKSPUR (DELPHINUM). NAT. ORD., *Ranunculaceae*.

One of the generally cultivated and ornamental genus of plants, combining unusual richness with an endless variety of colors, all of which are extremely beautiful and pleasing. The flowers are produced in the greatest profusion; and the plants, in beds, masses, or ribbons, are strikingly effective: indeed, few plants are so generally useful and valuable for their decorative qualities, either in the garden or when cut for vases. The great difficulty has hitherto been the procuring of seeds which would yield double flowers. To this object we have given special attention, and now offer seed saved only from such varieties as are really to be depended upon, and worthy of a place in every garden. For the guidance of amateurs, we may simply notice that the stock-flowered Larkspur is of the same habit as the old Dwarf Rocket, but has longer spikes, and much larger and more double flowers; the tall stock-flowered variety is the same style as the branching, but with more compact spikes, and larger and more double flowers. The tall-growing varieties scattered in shrubby-borders produce a charming effect when backed by green foliage of the shrubs. Hardy Annuals.

- 178 *Larkspur Dwarf Rocket*. A fine mixture; saved from a fine collection. 1 ft. .05
 179 — *Tall Rocket*. Same as preceding, except being taller. 2½ feet05
 180 — *Hyacinth-flowered*. Finest mixed05
 181 — *Dwarf Stock-flowered*. A desirable variety; saved from a beautiful collection05
 182 — *Tall Stock-flowered*. Mixed; very fine05
 183 — *Pyramidal*. Mixed: a splendid mixture05
 184 — *Tricolor Elegans*. Beautifully striped10
 185 — *German Branching*. A good variety colors05

NO.		PRICE.
	LAVATERA. NAT. ORD., <i>Malvaceae</i>.	
	Very showy, profuse-blooming, handsome plants; exceedingly effective when used as a background to other plants. Hardy annuals.	
186	<i>Lavatera</i> . Finest mixed . . . . .	.05
	LEPTOSIPHON. NAT. ORD., <i>Polemoniaceae</i>.	
	A charming tribe of the most beautiful of our hardy annuals. Nearly allied to the <i>Gilia</i> , and requiring the same treatment.	
187	<i>Leptosiphon Androsaceus</i> . Mixed. From California . . . . .	.10
188	— <i>Hybridus</i> . The finest of them all, embracing all the colors from dark-maroon, orange, crimson, violet, golden-yellow, and white. $\frac{1}{2}$ foot . . . . .	.25
	LIMNANTHES. NAT. ORD., <i>Tropaeolaceae</i>.	
	Very beautiful, showy, profuse-blooming, dwarf-growing plants; slightly fragrant; particularly effective and valuable as edgings, succeeding in any soil or situation, but delighting most in a moist soil. From California. Hardy annuals.	
189	<i>Limnanthes</i> . Finest mixed . . . . .	.10
	LINARIA. NAT. ORD., <i>Scrophulariaceae</i>.	
	A handsome, free-flowering genus of snapdragon-like plants, remarkable for the beauty and variety of their colors; well adapted for and very effective in beds, or ribbons, rock-work, woodland-walks, &c. Succeeding in any soil. Hardy annual.	
190	<i>Linaria</i> Mixed. All the finest sorts . . . . .	.10
	LINDHEIMERIA. NAT. ORD., <i>Compositae</i>.	
191	<i>Lindheimeria Texana</i> . A very pretty little plant, having a vanilla-like odor. Yellow; fine. Hardy annual. 2 feet . . . . .	.10
	LINUM. NAT. ORD., <i>Linaceae</i>.	
	A genus of the most beautiful, free-flowering plants, amongst which stands distinguished for its brilliant-colored flowers, <i>Linum Grandiflorum Coccineum</i> , being one of the handsomest, most effective, and showy bedding-plants we have; for, whilst its habit of growth is slender and delicate, it produces a profusion of beautiful, saucer-shaped flowers, of a rich scarlet-crimson, with crimson-black centre. The whole genus deserves general cultivation. Make nice pot-plants.	
192	<i>Linum Grandiflorum Coccineum</i> . Scarlet, with crimson centre. 1 foot . . . . .	.10
193	— <i>Album</i> . Beautiful white variety. 1 foot . . . . .	.10
194	— <i>Purpureum</i> . A new variety; rich purple flowers, similar to above . . . . .	.10
195	— <i>Lewisii</i> . Blue and white stripes. From North America. 2 feet . . . . .	.10
196	— <i>Variegatum</i> . Striped, lilac and white; new. 2 feet . . . . .	.10
	LOBELIA. NAT. ORD., <i>Lobeliaceae</i>.	
	A most elegant and useful genus of dwarf plants, of easy culture; well adapted for bedding, edging, pots, or rockeries. Lobelias, in fact, are employed as universally in the general summer-garden as scarlet geraniums, to beds of which they form a neat and effective edging. <i>Lobelia Speciosa</i> is the finest of all, from its intense dark-blue color, with a clear white spot, and its dark-colored foliage. The varieties of <i>Lobelia Gracilis</i> are the best adapted for rock-work, pots, or suspended baskets, to droop over. The seeds of Lobelias, being very small, cover very slightly when sown. Half-hardy annuals.	
197	<i>Lobelia Compacta</i> . Dark blue, with white centre; compact growth. $\frac{1}{2}$ ft. . . . .	.18
198	— <i>Grandiflora</i> . Large-flowered variety; dark blue . . . . .	.10
199	— <i>Marmorata</i> . Marble, blue and white. $\frac{1}{2}$ foot . . . . .	.10
200	— <i>Speciosa</i> . The most effective of all the varieties; extremely rich and beautiful intense azure-blue flowers; fine for pots. $\frac{1}{2}$ foot . . . . .	.10
201	— <i>Paxtoniana</i> . Fine habit, with profuse bloom of pure white, with sky-blue belt; the largest flower in the tribe; a beautiful bedding-plant. $\frac{1}{2}$ foot. . . . .	.25
202	— <i>Formosa</i> . Beautiful; dark blue. $\frac{1}{2}$ foot . . . . .	.10
203	— <i>Gracilis</i> . A delicate-growing variety; mixed colors. $\frac{1}{2}$ foot . . . . .	.10
	LUPINS. NAT. ORD., <i>Leguminosae</i>.	
	A splendid genus of the most ornamental, beautiful, and free-flowering of garden plants, with long, graceful spikes of bloom; colors rich and varied. Many of the varieties are of stately, robust growth, which makes them exceedingly valuable for mixed flower and shrubby borders. Hardy annuals.	
204	<i>Lupins, Garden</i> . Mixed colors06

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No.		PRICE.
205	Lupins Affinis. Blue, white, and purple; pretty. From California. 1½ ft.05
206	— Alba-coccineus. Rosy-red; apex pure white. Showy . . . . .	.25
207	— Hybridus Insignis. Purple, white, and yellow. 2 feet . . . . .	.10

MALOPE. NAT. ORD., *Malvaceæ*.

Handsome plants of branching habit, producing their large flower in great profusion; very effective in mixed borders. Hardy annuals.

208	Malope Grandiflora. Dark crimson. From Barbary. 2 feet . . . . .	.05
209	— Alba. White. From Barbary. 2 feet . . . . .	.05

MARIGOLD. NAT. ORD., *Compositæ*.

All features considered, it is questionable whether any genus of plants amongst annuals can vie with either the French or African Marigolds in their glowing colors, and their elegantly lobed leaves, of the richest green tint, and, above all, in their almost unequalled and sole adaptation for summer and late autumn decoration in the flower-garden, retaining their verdant beauty and gorgeous colors, undimmed and undiminished, to the very verge of winter. No feature in their habit of growth is in excess, either in leaf or flower, but admirably balanced for effect; neat, compact, and beautiful; of the easiest culture. Half-hardy annuals.

210	Marigold African (<i>Tagetes erecta</i>). Lemon-color. 2 feet . . . . .	.05
211	— Orange-color. 2 feet . . . . .	.05
212	— French (<i>T. patula</i>). New, orange. 1 foot . . . . .	.10
213	— Superb Striped. 1 foot . . . . .	.10
214	— Superb Mixed. Saved only from selected double flowers . . . . .	.10
215	— Garden Superb. Large double orange flowers; very double . . . . .	.05
216	— Cape (<i>Calendula Pluvialis</i>). Purple and white. 1½ feet . . . . .	.05

MARVEL OF PERU. NAT. ORD., *Nyctaginiaceæ*.

217	Marvel of Peru. Splendid varieties mixed, including all the finest sorts; very picturesque and diversified colors, finely contrasted with its dark-green, glossy foliage, and densely-branching habit; blooming throughout the summer and autumn months. 2 feet05
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MALVA, OR MALLOWs. NAT. ORD., *Malvaceæ*.

Showy, free-flowering plants; succeeding in any garden-soil. Hardy annuals.

218	Malva Capensis. Mixed colors05
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MACHÆRANTHERA TANACETIFOLIA (one-fifth natural size).

MACHÆRANTHERA. NAT. ORD., *Compositæ*.

A pretty little dwarf free-flowering plant; flowers resembling Michaelmas Daisy. Hardy annual.

219	Machæranthera Tanacetifolia. Blush-purple, with golden-yellow centre. 1 ft.10
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NO.

PRICE

MARTYNIA (UNICORN PLANT). NAT. ORD., *Pedaliaceæ*.

Handsome tropical annuals, remarkable for the size of their flower compared with their leaves; requires a light rich soil, and a warm situation. The young fruit, or seed-pods, are considered fine for pickling. Tender annual.

- 220 **Martynia Fragrans** (sweet-scented). Purple. From Mexico. 2 feet05
221 — **Mixed**. A fine collection10

MESEMBRYANTHEMUM. NAT. ORD., *Ficoideæ*.

A brilliant and profuse-flowering tribe of extremely pretty dwarf-growing plants; strikingly effective in beds, edging, rock-work, rustic baskets or vases, in warm, sunny situations; also for in-door decoration if grown in pots, boxes, or pans. Succeeds best in dry loamy soil. Half-hardy annual.

- 222 **Mesembryanthemum**. Finest mixed10

MIMOSA (SENSITIVE PLANT). NAT. ORD., *Leguminosæ*.

- 223 **Mimosa Pudica**. Grown as a curiosity, being so sensitive that the leaves close up by being slightly touched. Suitable for pots or open border. 1 ft.05

MIGNONETTE. NAT. ORD., *Resedaceæ*.

A well-known fragrant favorite, which produces a pleasing contrast to the more showy occupants of the parterre. If thinned out immediately the plants are large enough, they will grow stronger, and produce larger spikes. Hardy annuals.

- 224 **Mignonette** (*Reseda Odorata*). Well-known sweet-scented. $\frac{1}{2}$ ft. (25 per oz.) . . .05
225 — **Grandiflora**. Large-flowered variety. From Barbary. $\frac{1}{2}$ foot05
226 — **Arborea** (Tree). Fine foliage. 2 feet10

MOURNING BRIDE. (See Scabious.)

NASTURTIIUM (TROPÆOLUM MAJUS). NAT. ORD., *Tropæolaceæ*.

This is a well-known ornamental annual, of easy cultivation. It flowers best in a light soil. It looks well, trained to a trellis or over a wall. The flowers are rich orange, shaded with crimson and various colors. The variety with crimson or blood-colored flowers makes a fine contrast with orange. The seeds are used as a substitute for capers, and the flowers eaten as salads. Half-hardy annuals.

- 227 **Nasturtium Carneum**. Flesh-color. 10 feet05
228 — **Majus**. Bright-orange. 10 feet05
229 — **Atrosanguineum**. Dark-crimson. 10 feet05
230 — **Shillingii**. Spotted-yellow, with dark spots on each petal. 10 feet . . .10
231 — **Scheuermanni**. Straw-color, striped with brown; fine05
(The above are all tall varieties.)

NASTURTIIUM (TROPÆOLUM MINOR). NAT. ORD., *Tropæolaceæ*.

The dwarf improved varieties of the Nasturtium are among the most useful and beautiful of garden favorites for bedding, massing, or ribboning, and rank with the Geranium, Verbena, and Calceolaria. Their close compact growth, rich-colored flowers, and the freedom with which they bloom, all combine to place them in the category of first-class bedding-plants. The Tom-Thumb varieties are distinguished favorites. Half-hardy annuals.

- 232 **Nasturtium Dwarf Crimson**. Very fine for groups. 1 foot05
233 — **Scarlet**. Brilliant. 1 foot05
234 — **Spotted**. Yellow, with dark spots. 1 foot05
235 — **Tom Thumb, Scarlet**. Dwarf and compact; as rich in color and as effective as the Tom-Thumb Geraniums; fine for pots or vases. 1 foot .10
236 — **Yellow**. Similar to the last, with yellow flowers. 1 foot . . .10
237 — **Beauty**. Yellow, blotched with crimson; fine. 1 $\frac{1}{2}$ feet . . .10
238 — **Crystal-palace Gem**. A new sulphur-color, spotted with maroon; a splendid bedding variety. 1 foot10
239 — **Pearl**. Creamy-white; a fine variety10
240 — **Rose**. An entirely new color; habits similar to scarlet Tom-Thumb Nasturtium; color same as Trentham Rose Geranium . . .10

NEMESIA. NAT. ORD., *Scrophulariaceæ*.

Exceedingly pretty and profuse-blooming plants. *Nemesia Compacta* and *Alba* should be grown in every garden. Half-hardy annual.

- 241 **Nemesia**. Finest mixed10



NICOTIANA MACROPHYLLA GIGANTEA.

NO.		PRICE.
	NICOTIANA (TOBACCO-PLANT). NAT. ORD., <i>Solanaceæ</i> .	
	Strong-growing, fine-foliaged plants; effective for large shrubby borders, and the leaves of some varieties are valuable for fumigating purposes. Tender annuals.	
242	Nicotiana. Finest mixed . . . . .	.10
243	— Macrophylla Var. Gigantea. Purple-flowered. It grows six to eight feet high; and the plants are crowned with immense bunches or corymbs of large purple flowers. The general habit of the plant, its huge foliage, and stately aspect, give it the advantage over most other ornamental-leaved plants, for lawns or groups in the flower-garden . . . . .	.25

	NIGELLA (LOVE-IN-A-MIST). NAT. ORD., <i>Ranunculaceæ</i> .	
	A genus of very interesting, compact-growing, free-flowering plants, with curious-looking flowers and seed-pods. From the extraordinary motion manifested by the stamens, this genus has received the above singular names. Hardy annual.	
244	Nigella Damascena. Blue; fine. 1½ feet . . . . .	.05
245	— Nana. A double variety; flowers blue and white. 1 foot . . . . .	.05
246	— Hispanica. Blue; very showy. 1½ foot . . . . .	.05
247	— Alba. Pure white. 1½ foot . . . . .	.05

	NEMOPHILA. NAT. ORD., <i>Hydrophyllaceæ</i> .	
	This is, perhaps, the most charming and generally useful genus of dwarf-growing hardy annuals. All the varieties have a neat, compact, and uniform habit of growth, with shades and colors the most strikingly beautiful, so that, ribboned, sown in circles, or arranged in any style in which the fancy may suggest, the effect is pleasing and very striking. They are also very useful for pot-culture.	
248	Nemophila Atomaria. White, with blue spots. 1 foot05
249	— Oculata. Light-blue, blotched with black; fine. 1 foot10

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NO.			PRICE.
250	Nemophila Discoidalis.	Black, with white edge05
251	— Insignis.	Bright-blue05
252	— Alba.	White. 1 foot . . . . .	.05
253	— Maculata.	White; large purple spots. 1 foot . . . . .	.05
254	— Variegata.	White, veined with lilac, and blotched with violet; foliage finely variegated; very effective. 1 foot . . . . .	.10
255	— Good Mixed.	. . . . .	.05



NEMOPHILA MACULATA.

NOLANA. NAT. ORD., Nolanaceæ.

Very pretty trailing-plants, after the character of the Convolvulus Minor; fine for rock-work, hanging-baskets, old stumps, &c. Hardy annuals.

256	Nolana Atriplicifolia.	Blue, violet, and yellow; from Peru. $\frac{1}{2}$ ft. . . . .	.05
257	— Alba.	White; yellow centre . . . . .	.05
258	— Subcerulea.	A fine variety, with mauve-colored flowers . . . . .	.10
259	— Prostrata.	Fine blue, streaked with black; from Peru . . . . .	.05

CENOTHERA. NAT. ORD., Onagraceæ.

A magnificent genus; one of the most useful and beautiful, either for beds, borders, edgings, or rock-work. All the varieties are free-flowering, with superb spikes of large flowers. Half-hardy annuals.

260	Cenothera Acaulis.	A large-flowered variety, with silvery-white blossoms . . . . .	.10
261	— Biennis Hirsutissima.	Crimson-orange; from California. 2 feet . . . . .	.05
262	— Bistorta Veitchii Grandiflora.	Pure yellow; crimson spotted. 1 ft. . . . .	.10
263	— Drummondii Nana Nova.	Dwarf; bright yellow; from Texas. 1 ft. . . . .	.10

OXYURA. NAT. ORD., Compositæ.

264	Oxyura Chrysanthemoides.	A showy, free-flowering plant, with beautiful fringed flowers; golden-yellow; from California05
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NO. **PALAFOXIA.** NAT. ORD., *Compositæ*. PRICE.

This new Texas plant is one of the finest of recent acquisitions. It is much dwarfer and more branching than *Palafoxia Texana*; and the flowers, which have very much broader florets, are larger, and of a bright rosy-crimson color, with a dark centre. It is an annual, and will flourish finely in light and dry soils, and blooms throughout the summer.

265 Palafoxia Hookeriana. Rosy-crimson, with dark centre10

PEAS. NAT. ORD., *Leguminosæ*.

The Sweet Peas are among the most popular annuals which enrich the flower garden. They may be planted and trained on sticks the same as common peas; or they may be sowed along the sides of fences, forming a highly ornamental covering: in any situation, they are always admired. Hardy annuals.

266 Sweet Peas, Black. From Ceylon. 6 feet05
267 ——— White. From Ceylon. 6 feet05
268 ——— Purple. From Ceylon. 6 feet05
269 ——— Painted Lady. From Ceylon. 6 feet05
270 ——— Scarlet. From Ceylon. 6 feet05
271 ——— Scarlet Striped. From Ceylon. 6 feet05
272 ——— Mixed. The above mixed05
273 ——— Everlasting. (See *Lathyrus*.)05
274 ——— Lord Anson's. Light-blue. 1½ feet05
275 ——— Tangier. Scarlet; from Barbary05
276 ——— Scarlet Invincible. Beautiful new variety; flowers intense scarlet . .10

PERILLA. NAT. ORD., *Labiata*.

Among the recent introductions of ornamental-foliaged plants for flower-garden decoration, the *Perilla* deserves a more than ordinary share of attention. Its habit of growth is neat and shrubby, whilst its foliage is a deep mulberry or blackish purple, and forms a fine contrast to the silvery foliage of *Cineraria Maritima*, or the lively green of other plants. Half-hardy annuals.

277 Perilla Nankinensis. Leaves, a deep mulberry or purplish-black. 2 feet . .05

PHLOX DRUMMONDII. NAT. ORD., *Polemoniaceæ*.

This magnificent genus of plants is unrivalled for richness and brilliancy of colors, profuse and duration of blooming. They are unsurpassed for bedding or pot-culture, and produce a splendid effect in mixed borders. No garden should be without these beautiful plants. Succeeds best in light rich soil. Hardy annuals.

278 Phlox Drummondii Alba. White10
279 ——— Oculata. Pure white, with purple eye10
280 ——— Marmorata. Marbled10
281 ——— Louis Napoleon. Dark crimson10
282 ——— Leopoldii. Purple; white eye10
283 ——— Queen Victoria. Violet; white eye10
284 ——— Purpurea. Deep purple10
285 ——— Chamois Rose. Delicate rose10
286 ——— Coccinea. Pure deep scarlet10
287 ——— Striata. Scarlet, striped with white10
288 ——— Variabilis. Light-blue marbled10
289 ——— Heynholdii. The New True Scarlet Phlox (Benary). There is already in our gardens a bright variety of much value, known under the name of *P. scarlet*; but its flowers, though of a very brilliant color, are far from being the true scarlet, and only of a dark-crimson tint . .25
290 ——— Good Mixed05
291 ——— Finest Mixed. Including all the best varieties10

PODOLEPIS. NAT. ORD., *Compositæ*.

A genus of pretty, graceful, free-flowering plants, succeeding best in a light, rich soil, producing a fine effect in beds or mixed borders. Half-hardy annuals.

292 Podolepis. Finest mixed10

PORTULACA. NAT. ORD., *Portulacæ*.

In praise of these charming flowers it is impossible to speak too highly; and it may be safely affirmed that a garden without them is devoid of its brightest orna-

NO.

PRICE

ments; for the Portulacas are unsurpassed for brilliancy and richness of color. They are adapted for beds, clumps, edgings, pots, vases, or rock-work. The plants should stand at least eight inches distant from each other. Half-hardy annuals.

293	Portulaca Splendens. Rich crimson; showy. $\frac{1}{2}$ foot	.05
294	— Thellusonii. Splendid scarlet. $\frac{1}{2}$ foot	.05
295	— Aurea. Yellow. $\frac{1}{2}$ foot	.05
296	— Alba. A pure white; fine. $\frac{1}{2}$ foot	.05
297	— Thorburnii. Deep orange. $\frac{1}{2}$ foot	.05
298	— Caryophylloides. Carnation striped; white and crimson; superb. $\frac{1}{2}$ ft.	.10
299	— Finest Mixed, above varieties	.10
300	— Grandiflora Flore Pleno. Saved from double-flowering plants, reproducing a large proportion of double, in white, blood-red, purple, &c., resembling roses; one of the finest new plants introduced for a long time.	.15



DOUBLE PORTULACA.

POPPY. NAT. ORD., *Papaveraceae*.

A tribe of remarkably showy, free-flowering plants, producing a rich and effective display in large mixed borders, in shrubberies, or select plantations; grows freely in any soil. Hardy annuals.

301	Poppy, Carnation (<i>Papaver somniferum</i>). Finest mixed; double. 2 feet	.05
302	— Pæony-flowered. Fine mixed; double	.05
303	— Ranunculus. Double mixed	.05

PRINCE'S FEATHER. NAT. ORD., *Amarantaceae*.

Ornamental plants, with elegant plumes of rich-colored flowers; succeeds well in any good garden-soil. Hardy annuals.

304	Prince's Feather (<i>Amaranthus</i>). Large-flowered; crimson. From Nepal. 2 ft.	.05
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RICINUS (CASTOR-OIL BEAN). *Euphorbiaceae*.

A magnificent and highly ornamental genus. The picturesque foliage and stately growth, combined with brilliant-colored fruit, of the new varieties, impart to select plantations, shrubberies, and mixed-flower borders, quite an Oriental aspect. In the gardens round Paris, they form one of the principal features of



DIANTHUS CHINENSIS.
No. 482.



CARNATION PINK.
No. 449.



NASTURTIUM. No. 235.



MARIGOLD, AFRICAN.
No. 210.



SENSITIVE PLANT.
No. 223.



AMARANTHUS TRICOLOR.
No. 19



RHODANTHE MACULATA. See No. 916.



COCKSCOMB. No. 901.



STIPA PENNATA. No. 890.



ERIANTHUS RAVENNAE. No. 881.



SOLANUM WARSZEWICZII. No. 1061.

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NO.	SCHIZANTHUS. NAT. ORD., <i>Scrophulariaceæ</i> .	PRICE
	Elegant slender-branched annuals, with very conspicuous lobed or cut-petalled flowers of white, lilac, purple, and rich red, orange, and violet-crimson spots and marks, very picturesquely blended; well adapted for either garden or pot culture. For winter flowering, they should be sown in August. Half-hardy annuals.	
327	Schizanthus Grandiflorus Occulatus. Various shades, with blue centre .	.10
328	— Humilis. Lilac and crimson. $\frac{1}{2}$ foot .	.05
329	— Pinnatus. Pinnate-leaved, rosy-purple, and yellow-spotted; pretty. 1 ft.	.05
330	— Priestii. Pure white. 1 foot .	.05
331	— Retusus. Deep rose and orange-crimson tip; fine. $1\frac{1}{2}$ feet .	.05
332	— Alba. White; crimson-tip; superb. $1\frac{1}{2}$ feet .	.05
333	— Good Mixed. .	.05
334	— Finest Mixed. Including all best varieties .	.10

SILENE, or CATCHFLY. NAT. ORD., *Caryophyllaceæ*.

Among the tribe of Silenes will be found some of the brightest ornaments of the flower-garden, either in respect to brilliancy of color, or length of duration in bloom; fine for beds, borders, or ribbons. Hardy annuals.

335	Silene Pseudo Atocion. Rosy-pink flower, with white centre; free-blooming.	.05
336	— Rubella. Red; from Portugal. 1 foot .	.05
337	— Alba. White; fine. 1 foot .	.05



SANVITALIA PROCUMBENS (new double).

SANVITALIA. NAT. ORD., *Compositæ*.

Pretty dwarf-growing, free-flowering plants, suitable for small beds, rock-work, or edgings; continuing in bloom during the summer and autumn months; thriving best in light rich soil. Hardy annuals.

338	Sanvitalia Procumbens. Rich brown and yellow. $\frac{1}{2}$ foot .	.10
339	— New Double. A beautiful acquisition, with double flower, like pom-pone Chrysanthemum; very dwarf, and undoubtedly one of the finest yellow plants; suited for beds and masses. $\frac{1}{2}$ foot .	.10

SPHENOGYNE. NAT. ORD., *Compositæ*.

A very showy, free-flowering plant; very effective for beds, mixed borders, edging, or ribbons. Hardy annual.

340	Sphenogyne Speciosa. Bright yellow; black centre; from S. Am. 1 foot .	.05
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NO.

PRICE.

SPRAGUEA. NAT. ORD., *Portulacæ*.

A charming plant, resembling the Calandrina, with Amaranthus-like flowers; extremely graceful and beautiful; very effective as an edging, and valuable for rock-work; delighting in a rich loamy soil. Half-hardy annual.

- 341 *Spraguea Umbellata*. White, shaded and spotted with purple; from Cal. $\frac{3}{4}$ ft. .25

STOCKS. (TEN-WEEKS). NAT. ORD., *Cruciferae*.

The Stock Gillyflower is one of the most popular, beautiful, and important of our garden favorites; and whether for bedding, massing, edging, or ribboning, it is unsurpassed, either for brilliancy and diversity of color, or profusion of bloom.

The Ten-week Stock is the most universally cultivated, and usually blooms ten to twelve weeks after being sown. They grow from six to fifteen inches high, and when cultivated in rich soil, and occasionally watered with weak guano-water, throw out an immense quantity of lateral spikes of bloom, so that each plant forms a perfect bouquet; and it would, indeed, be difficult to surpass the grand effect produced in beds or ribbons by these exquisite gems.

- 342 *Stocks, New Large-flowered Pyramidal*. The most popular stock in cultivation; very choice; received from one of the most celebrated florists in Germany. Twenty brightest and most distinct colors mixed25
- 343 ——— *Good Mixed*. A great variety of colors05
- 344 ——— *Pure White*10
- 345 ——— *Scarlet*10
- 346 ——— *Purple*10
- 347 ——— *Carmine*10
- 348 ——— *New Hybrid*. Mixed between the rough and smooth-leaved varieties . .10
- 349 ——— *Dwarf German* (from pot-plants). One of the finest. Mixed . .10
- 350 ——— *Miniature*. Dwarf; 4 inches high; fine for edging; finest mixed .10
- 351 ——— *Giant, or Tree*. A very valuable acquisition, by its large flowers being from one and a half to two inches in diameter; height of plants two to two and a half feet; unsurpassed for bedding purposes. Mixed . . .25

SULTAN. NAT. ORD., *Compositæ*.

Handsome border annual, of easy culture; native of Persia, with fragrant flowers from July to September.

- 352 *Sultan Sweet*. Yellow, purple and white, mixed05



*TAGETES SIGNATA PUMILA (full-grown plant, reduced to one-tenth its natural size).

TAGETES. NAT. ORD., *Compositæ*.

Elegant free-flowering plants, with pretty foliage; very effective in mixed borders; succeeds best in a light rich soil. Half-hardy annuals.

- 353 *Tagetes Signata Pumila*. (See cut.) An elegant new dwarf variety, about one foot high; and, when full grown, the plant will measure two feet in diameter, forming a beautiful compact bush, completely covered with flowers, and continuing in bloom until hard frost sets in10



TAGETES SIGNATA PUMILA (full size of flower).

NO.

PRICE

VENIDIUM. NAT. ORD., *Compositæ*.

An exceedingly showy plant, with large, handsome flower, having a very gay appearance in beds or borders; thrives best in turfy loam. Half-hardy annual.

- 354 Venidium Calendulaceum.** Deep orange; rich brown centre. 1 foot . . .10

VENUS'S LOOKING-GLASS. NAT. ORD., *Campanulacæ*.

A free-flowering, pretty little plant, of nice habit of growth, especially adapted for beds, ribbons, or edgings; grows well in any garden soil. Hardy annual.

- 355 Venus's Looking-Glass** (*Campanula*). Finest mixed; from south of Europe. $\frac{1}{2}$ ft .05

VISCARIA (ROSE OF HEAVEN). NAT. ORD., *Caryophyllacæ*.

A genus of remarkably pretty, profuse-flowering plants, producing a striking effect in beds, ribbons, or mixed borders. Hardy annuals.

- 356 Viscaria. Finest Mixed**10
357 — Good Mixed05

WHITLAVIA. NAT. ORD., *Hydrophyllacæ*.

A very handsome free-flowering plant, suitable for beds and borders; from California. Hardy annual.

- 358 Whitlavia Grandiflora.** Violet-blue. 1 foot05

ZINNIA. NAT. ORD., *Compositæ*.

A grand genus of autumn-flowering plants, combining the greatest richness and diversity of color with unequalled profusion and duration of bloom.

Among the novelties of recent introduction, the New Double Zinnia has proved a most important acquisition. Its splendid double flowers rival, in beauty, size, and form, moderate-size dahlias.

- 359 Zinnia Elegans.** Mixed. 2 feet05
360 — Double. The seed we offer was saved only from the finest double flowers, and will produce a large percentage of double-flowering plants. Mixed .10
361 — Mexicana. It is a neat dwarf plant, of compact habit, scarcely one foot high, much branched. It is offered in some lists under the name of Zinnia Haageana, and also Aurea and Sanvitalia Mexicana10



DOUBLE ZINNIA.

NO.

ZEA. NAT. ORD., *Gramineæ.*

PRICE.

One of the most valuable acquisitions. Among ornamental-folaged plants of rapid growth and immediate effect, the new Striped Japanese Maize holds the most conspicuous place. It is a native of Japan. It appears to be a variety of Maize, but differs in many respects from our common Indian Corn. It grows from five to six feet high, and has alternate foliage; the foliage is about four feet long, and two or three inches wide. The variegation does not show itself until the fourth or fifth leaf.

362 Zea, or Striped Japanese Maize.10
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BIENNIALS AND PERENNIALS FLOWERING FIRST
AND SECOND SEASON.

ABRONIA. NAT. ORD., *Nyctaginiacæ.*

This beautiful plant is a native of the Rocky-Mountain country, and can hardly be surpassed for beauty and elegance. It is a hardy perennial, of trailing habit, sending up immense numbers of flowers of a pure white color, in clusters resembling the Snowball. It opens its flowers, which possess a delightful fragrance, towards evening. In bloom from June to September.

363	Abronia Fragrans.	Pure white25
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ACHILLEA. NAT. ORD., *Compositae*.

Belonging to the genus known under the name of Milfoil. Hardy perennial.

364 Achillea Filipendula. Yellow; from Caspian Sea. 5 feet10

ACONITUM (MONKSHOOD). NAT. ORD., *Ranunculaceæ*.

A common border-plant, commonly known as Monkshood, growing freely in any situation. Hardy perennial; from Europe.

365 *Anonitum Napellis*. Mixed, blue and white. 2 feet05

NO.

PRICE

ACANTHUS. NAT. ORD., *Acanthaceæ*.

These deserve a place in every collection, from their stately appearance, and the legend of their leaves having given the first idea of the capital of the Corinthian order of architecture. They require a good sandy loam. Hardy perennials.

- 366 *Acanthus Mollis*. White. From Italy. 3 feet05

AGROSTEMMA (ROSE CAMPION). NAT. ORD., *Caryophyllaceæ*.

Are perfectly hardy, very easily raised from seeds, and will well repay the little care they require. The flowers are produced on long stems, blooming freely throughout the season. Hardy perennial. For annual varieties, see *Viscaria*.

- 367 *Agrostemma*. Fine mixed; purple and white05

ALSTRÆMERIA. NAT. ORD., *Amaryllidaceæ*.

This is a genus of tuberous-rooted plants, with beautiful flowers; requiring to be grown in a sheltered position to have them in perfection. Half-hardy perennials.

- 368 *Alstræmeria Van Houtte*. Finest hybrids. 1½ feet25

ALYSSUM. NAT. ORD., *Cruciferaæ*.

One of the most useful, free-flowering little plants, either for growing in pots, on rock-work, or the open border. Hardy perennials.

- 369 *Alyssum Argenteum*. Yellow, silvery foliage; from Switzerland. 1 foot . .10
370 — *Saxatile*. Yellow; very showy. 1 foot05
371 — *Wiersbeckii*. White and yellow10

ANCHUSA. NAT. ORD., *Boragneaæ*.

Coarse-growing plants, natives of the south of Europe, remarkable for their intensely blue flowers. Hardy perennials.

- 372 *Anchusa Arvalis*. Blue. 2 feet05

ANEMONE. NAT. ORD., *Ranunculaceæ*.

All the plants belonging to this genus are beautiful, and well deserving of cultivation; succeed well in any light soil. Hardy perennials.

- 373 *Anemone Coronaria*. Mixed from selected flowers. ½ foot10
374 — *Pulsatilla* (Pasque Flower). Violet10
375 — *Species Nova Pontica*. Described as a very beautiful alpine plant; native of the subalpine regions of the Pontic Mountains25
376 — *Japonica Honorine Jobert*. Effective, with large pure white flowers . .25

ANTIRRHINUM (SNAPDRAGON). NAT. ORD., *Scrophulariaceæ*.

The Snapdragon, or Antirrhinum, is one of our most showy and useful border plants. Amongst the more recently improved varieties of this valuable genus are large, finely shaped flowers, of the most brilliant colors, with beautifully marked throats; will bloom the first season from seed, and are very effective in beds or mixed borders. Half-hardy perennials.

- 377 *Antirrhinum Majus Album*. Pure white. 2 feet10
378 — *Brilliant*. Crimson and white. 2 feet10
379 — *Delila*. Carmine, white throat. 2 feet10
380 — *Firefly*. Orange, scarlet, and white. 2 feet10
381 — *Galathea*. Crimson, yellow and white. 2 feet10
382 — *Henry IV*. Bright cinnamon. 2 feet10
383 — *Papilionaceum*. Bright scarlet and white; splendid. 2 feet . . .10
384 — *Variegata*. Beautiful, striped. 2 feet10
385 — *Nanum Album*. Dwarf; pure white. 1 foot10
386 — *Aureum Striatum*. Striped. 1 foot10
387 — *Kermesina Splendens*. Crimson. 1 foot10
388 — *Delila*. Carmine and yellow, with white throat. 1 foot . . .10
389 — *Firefly*. Orange, scarlet, and yellow. 1 foot10
390 — *Extra fine, mixed*10
391 — *Good, mixed*05

AQUILEGIA (COLUMBINE). NAT. ORD., *Ranunculaceæ*.

This pretty and interestingly varied genus of plants scarcely meets with the amount of appreciation it deserves; it is an extremely showy and ornamental early summer-flowering herbaceous plant, combining the most curious forms with the most beautiful and striking colors; succeeds in any garden-soil. Hardy perennials.



AQUILEGIA GLANDULOSA.

NO.		PRICE.
392	Aquilegia Alba Pleno. New; double, white, fine . . . . .	.25
393	— Caryophylloides. White, striped with reddish crimson, Beautiful double, . . . . .	.25
394	— Formosa. Double; crimson and orange. 1½ feet . . . . .	.05
395	— Rosea. Beautiful rose-color; double. 2 feet . . . . .	.25
396	— Rubro. Fine, crimson; double. 1½ feet . . . . .	.25
397	— Glandulosa. Blue and white. 1 foot . . . . .	.10
398	— Siberica. Violet; double. 1 foot . . . . .	.25
399	— Skinnerii. Scarlet and yellow; very beautiful; from Guatemala. 1½ feet . . . . .	.10
400	— Finest Mixed . . . . .	.25
401	— Good Mixed . . . . .	.05

ARABIS. NAT. ORD., Cruciferae.

An exceedingly early spring-flowering plant, contrasting beautifully in ribbons with the yellow Alyssum; valuable for rock-work, edging, &c., succeeding well in any good garden soil. Hardy perennial.

402	Arabis Alpina. Pure white; from Switzerland. ½ foot10
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ARBUTUS. (STRAWBERRY-TREE). NAT. ORD., Ericaceae.

A handsome, nearly hardy, evergreen shrub, covered during October and November with pearl-like blossoms and strawberry fruit.

403	Arbutus Unedo. From Ireland. 10 feet10
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ARCTOCTIS. NAT. ORD., Compositae.

Handsome, showy, free-flowering plants, of close, compact, dwarf habit, with large, beautiful flowers in the style of Gazania Splendens; continuing in bloom the whole summer, and growing freely in any rich soil. Half-hardy perennials.

404	Arctoctis Grandiflora. Pale yellow, dark crimson centre. ½ foot . . . . .	.10
405	— Breviscarpa. Deep orange, dark centre; from C. of Good Hope. ½ ft. . . . .	.10

ARMERIA. NAT. ORD., Plumbaginaceae.

Useful, hardy perennials; adapted for rock-work, edging, or culture in pots.

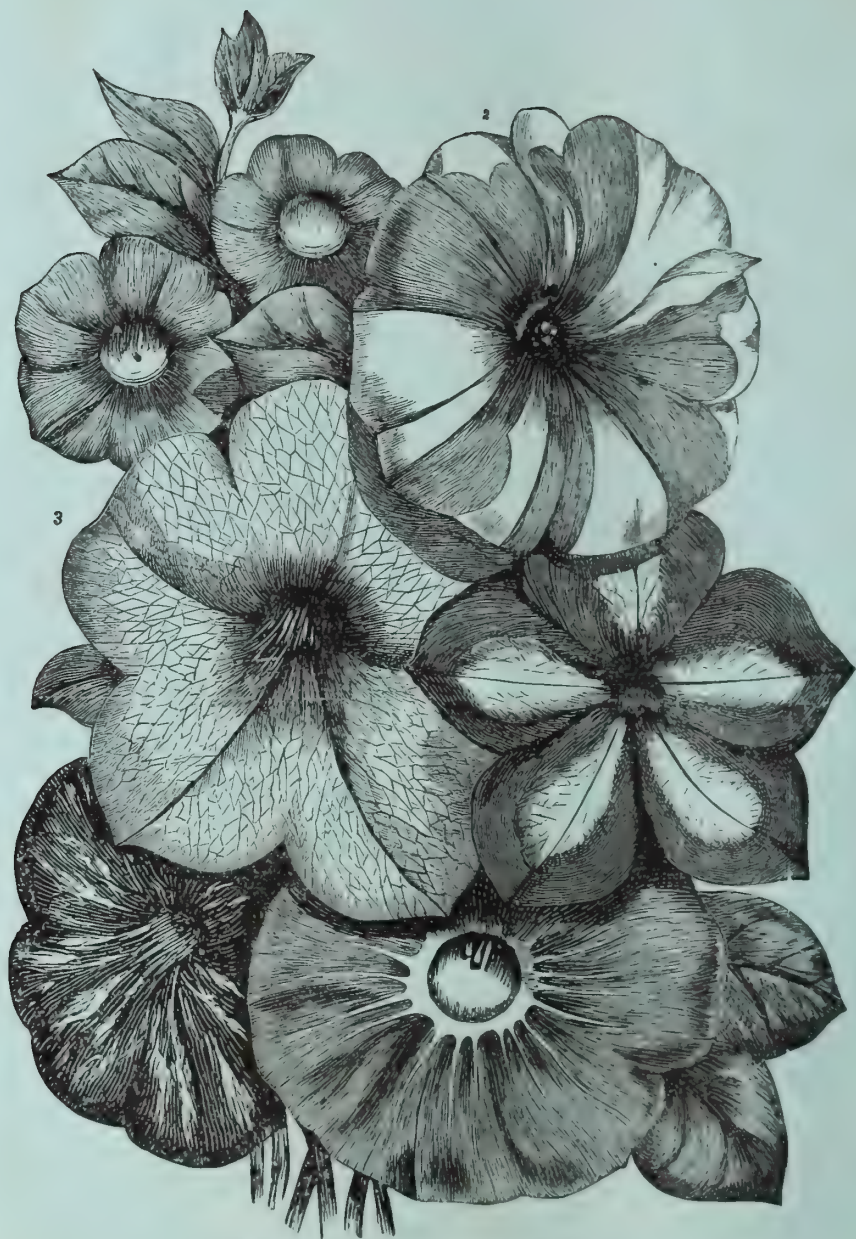
406	Armeria Dianthoides. Delicate rose. ½ foot . . . . .	.10
407	— Formosa. Rose and white. 1 foot . . . . .	.10
408	— Splendens. Splendid variety, with large corymbs four to six inches in circumference, of brilliant rosy carmine flowers; good for bouquets. 1 foot . . . . .	.25



ASCLEPIAS TUBEROSA.

GROUP OF GOURDS. (See page 74.)





PETUNIA GRANDIFLORA HYBRIDS. Ser No 733.

AMATEUR CULTIVATOR'S GUIDE.

PRICE

ASCLEPIAS. NAT. ORD., *Asclepiadaceæ*.

Handsome plants, remarkable for the singularity and beauty of their flowers.

- 409 *Asclepia Tuberosa*. (See engraving.) Orange. Hardy perennial.10

ASTRAGALUS. NAT. ORD., *Leguminosæ*.

A showy, beautiful, and useful herbaceous plant, succeeding in any common garden soil. Hardy perennial.

- 410 *Astragalus purpureus*. Deep-red, a pretty trailer. From south of France. 3 ft. .10

- 411 — *Galegiformis*. Yellow, with pretty foliage. From Siberia. 3 feet . . .10

AURICULA. NAT. ORD., *Primulacæ*.

A well-known garden favorite of great beauty, succeeding best in a northern aspect. Half-hardy perennial.

- 412 *Auricula Alpine*. This is the most hardy of all the Auricula. Mixed . . .10

- 413 — *English Prize*. From named flowers. $\frac{1}{2}$ foot25



BOCCONIA JAPONICA.

BARTONIA. NAT. ORD., *Loasacæ*.

- 414 *Bartonia Nuda*.** This is a perfect gem. It grows two to three feet high, and is literally covered with its large white flowers, of the most delicate texture, surpassing even the finest lace-work. The flowers are two and a half inches in diameter, and produced in abundance. Hardy perennial25

BELLIS (DOUBLE DAISY). NAT. ORD., *Compositæ*.

A well-known perennial. Many elegant varieties have been raised by saving the seeds from the handsomest kinds. Admirable plants for making edgings, &c.

- 415 *Bellis Perennis*.** Extra fine; saved from named flowers25

BOCCONIA. NAT. ORD., *Papaveracæ*.

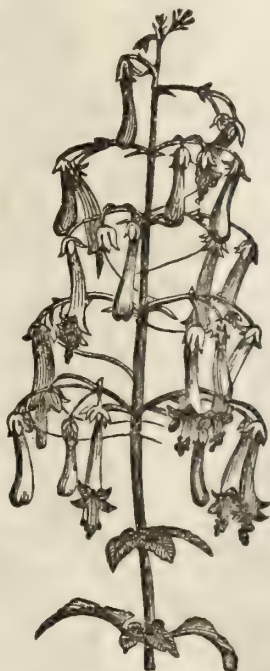
- 416 *Bocconia Japonica*.** This noble plant, recently introduced from Japan, has been an object of unusual admiration. Allied to the fine *Bocconia Cordata*, it surpasses this in point of beauty, of robust, free growth, habit of plant, size, shape, coloring of leaves, and showiness of flower-spikes. It is perfectly hardy, requiring no protection in winter; of luxuriant growth, forming a bush five to six feet in height, which is decorated, from the month of August, by beautiful pyramidal spikes of flowers, two to three feet in length. Deeply serrated leaves, in the way of oak-leaves; are large, of an obtuse, cordate form, of a sombre green above, glaucous below10

CALLIRHOE. NAT. ORD., *Malvacæ*.

- 417 *Callirhoe Involucrata*.** A trailing, hardy perennial, of great beauty. From Rocky Mountains. Flowers like the *Portulaca* in form and color25



CAMPANULA GRANDIS.



PHYGELIA CAPENSIS.

CAMPANULA NAT. ORD., *Campanulacæ*.

The Campanulas are strictly biennial plants by pot-culture, and, without exception, some of the finest of all garden-plants for decoration in conservatory, green-



CANNA.

NO. **CHELONE.** NAT. ORD., *Scrophulariaceæ.* PRICE.

An elegant summer-flowering, hardy herbaceous plant, adapted for a bed, group, or mass, with erect, slender, attenuated flower-stems rising two or three feet in height, having racemes of a bright scarlet, Pentstemon-like flower-tubes, from one to two inches in length, forming a beautiful and effective object in borders, pleasure grounds, &c. Hardy perennial.

451 **Chelone Coccinea.** Brilliant-scarlet Pentstemon-like flowers; beautiful. 2 ft. .10

CHRYSANTHEMUM. NAT. ORD., *Compositæ.*

The Chrysanthemum Indicum and Indicum Nanum are well-known varieties, so extensively grown for late fall flowers. No garden should be without them. The seed we offer has been saved from the very finest new varieties, and will give a good proportion of double flowers. Half-hardy perennials.

452 **Chrysanthemum Indicum.** Tall, double, extra fine; from China. 3 feet .25

453 — — **Nanum, Double Mixed** (Dwarf Pompones). 1 foot25

CLEMATIS. NAT. ORD., *Ranunculaceæ.*

A handsome class of climbers, very desirable for growing against a wall or trellis. Seeds of this tribe require some time to germinate. Hardy perennials.

454 **Clematis Flammula.** White; very fragrant. 25 feet10

455 — — **Cirrhosa.** A new variety, perfectly hardy; a very rapid climber, literally covering itself with large bunches of white sweet-scented flowers. 25 ft. .25

COMMELINA. NAT. ORD., *Commelinaceæ*.

Very pretty, free-flowering, tuberous-rooted plants, with rich blue flowers, succeeding in any rich soil. Half-hardy perennial, but flowering the first year.

- 456 *Commelina* Finest mixed; from Mexico10



LILIPUTIAN OR BOUQUET DAHLIA.



ANTIRRHINUM MAJUS DWARF.

DAHLIA. NAT. ORD., *Compositæ*.

A noble autumn-flowering plant. The seed offered by us has been saved from one of the best prize collections. Half-hardy perennial.

- 457 *Dahlias*, Extra Fine. Saved from a choice prize collection25
 458 — *Liliputian*. Dwarf variety; beautiful25

DATURA. NAT. ORD., *Solanaceæ*.

A tribe of highly ornamental plants, producing large, sweet-scented, trumpet-shaped flowers of the most attractive character, and succeeding in most any rich soil. The roots may be preserved in and through the winter in a dry cellar, in same manner as the Dahlias. Half-hardy perennials.

- 459 *Datura*, Wright's, or *Meteloides*. Flowers of extraordinary size, pure white at the centre, and passing to a lilac-blue at the border. 3 feet10
 460 — *Chlorantha*. A magnificent variety, producing a profusion of deep golden-yellow flowers, very large, double, and sweet-scented. 2 feet25
 461 — *Fastuosa Alba*. Double, white. 2 feet10
 462 — *Violacea*. Violet, double. 2 feet10

DELPHINIUM. NAT. ORD., *Ranunculaceæ*.

A highly ornamental genus of splendid profuse-flowering plants, of an unusually high decorative character. When planted in large beds or groups, their gorgeous spikes of flowers, of almost endless shades, from pearl-white to the very richest and deepest blue, render them the most conspicuous and striking objects in the flower-garden or pleasure-ground. Delight in a deep, rich soil. Hardy perennials.

- 463 *Delphinium*, Chinese. Finest mixed; the most desirable of the tribe. 2½ ft. .05
 464 — *Celestinum Grandiflorum*. Celestial blue; long spikes; fine. 3 feet . .25
 465 — *Elatum* (Bee Larkspur). Blue. 3 feet05
 466 — *Formosum*. New flowers; large color; exquisite blue, with white; will flower the first season from seeds; finest of the tribe. 2 feet10
 467 — *Grandiflorum*. Dark-blue; fine10
 468 — *Hybridum*. Fine mixed. 3 feet10
 469 — *Hendersonii*. Splendid, large blue flowers; extra fine. 2½ feet10



DATURA WRIGHTII (one-fifth natural size).

NO. **DIGITALIS (FOXGLOVE).** NAT. ORD., *Scrophulariaceae*. PRICE.

The Digitalis are too well known to need description. They are all useful and ornamental for general flower-garden purposes, and may be introduced into the shrubbery with fine effect, as their tall, spire-like spikes, crowned with their large thimble or bell-shaped flowers, will contrast finely with the green foliage of the shrubs. They are all hardy biennials, from three to four feet high.

470	Digitalis, Good Mixed.	A fine assortment of colors	.05
471	— Extra Mixed.	All the newest kinds. 8 feet	.10
472	— Grandiflora.	Large-flowered; yellow. 3 feet	.10
473	— Purpurea.	Common purple variety. 3 feet	.05
474	— Alba.	Pure white. 3 feet	.05
475	— Ferruginea.	Brown. 2 feet	.10
476	— Aurea.	Golden. 3 feet	.05
477	— Gloxinioides.	New, beautiful gloxinia-shaped flowers; spotted. 3 feet	.10

DIANTHUS. NAT. ORD., *Caryophyllaceae*.

A magnificent genus, which embraces some of the most popular flowers in cultivation. The Carnation, Picotee, Pink, and Sweet William, all "household words," belong to this genus. The Chinese varieties may be considered the most beautiful and effective of our hardy annuals; the double and single varieties, with their rich and varied colors, in beds or masses, are remarkably attractive; while the recently introduced species, *Dianthus Heddewegii* and *Dianthus Laciniatus*, with their large



DIANTHUS HEDDEWEGII DIADEMATUS.

WASHBURN & COMPANY'S

NO.		PRICE.
	and rich-colored flowers, three to four inches in diameter, close, compact habit, and profusion of bloom, are unsurpassed for effectiveness in beds and mixed borders.	
478	Dianthus Caryophyllus. (See Carnation Pink.) . . . . .	.05
479	— Barbatus. (See Sweet William.) . . . . .	.05
480	— Atrorubens. Dark red; hardy biennial; flowers first year from seed. 1 ft. .	.10
481	— Chinensis (Indian Pink). Mixed biennials of great beauty; bloom the first year from seed; perfectly hardy. The colors are very rich. 1 foot .	.05
482	— Fine Double, Mixed. Same as above; from finest double flowers .	.10
483	— Alba. Double-white; very fine . . . . .	.10
484	— Albus Pictus. White-marbled, with rose; beautifully fringed . .	.10
485	— Heddewig's. A beautiful variety. The plant is scarcely one foot high, and very bushy; whilst always thirty or forty flowers are at once in blossom; the flowers are very large, from two to three inches in diameter, of a most beautiful shape, and of a variety and brilliancy of colors. .	.10
486	— New Double. A new variety of this splendid new Pink, having beautiful double flowers, instead of the single . . . . .	.25
487	— Diadematus, fl. pl. (Double Diadem-Pink), Lorenz. This is a striking novelty, of wonderful beauty. It differs from the D. Heddewigii, being more luxuriant, compact and dwarfish; its flowers have a diameter of each, 2 to 4 inches. They are regular, densely double, and have all tints, from lilac, crimson, and purple, to the deepest black purple .	.25
488	— Nanus Flore Albo Pleno (Benary). This is a new, double, white variety of the beautiful Heddewigii Pink. It is of quite compact, dwarfish habit, resembling Dianthus Heddewigii fl. pl. . . . .	.25
489	— Laciniatus. The colors are pure white, flesh, rose, various shades of red, carmine, violet, purple, and rich maroon, some being selfs, others striped and spotted; all very delicately cut or fringed . . . . .	.10
490	— Laciniatus fl. pl. A double variety of the preceding; very fine . .	.25
491	— Hybridus Corymbosus. A beautiful new hybrid; large double flower .	.10
492	— Moschatus. (double garden-pink). Finest double-mixed; hardy perennial .	.25
493	— Plumarius (Pheasant-eye Pink). White or pink, with dark eye. The flowers are deeply fringed or feathered; very fragrant. Hardy perennial .	.05
494	— Veitchii. Beautiful cluster of flowers; pure white, with crimson centre .	.10
495	— Imperialis Plenissimus Pictus. A new and splendid variety. White ground, and each petal marked with a dark spot, like a Paisley Pink .	.25
496	— Caryophyllus Double Dwarf, Mixed. Compact and bushy habit, with abundance of double flowers, variously colored . . . . .	.50
497	— Dentosus Hybrid. Very pretty, but exceedingly sportive species; new varieties are found every year in the seedlings . . . . .	.25

DODECATHEON (AMERICAN COWSLIP). NAT. ORD., *Primulaceæ*.

498	Dodecatheon Media. A very pretty little border plant, with flowers similar to the Cyclamen. Mixed; red and white. 1 foot25
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EUPATORIUM. NAT. ORD., *Compositæ*.

A pretty class of plants, with bunches of showy flowers. Hardy perennials.

499	Eupatorium Argeratoides. White; fine for border . . . . .	.10
500	— Corymbosum. Blue; from Europe. 1 foot . . . . .	.10

FEVERFEW (PYRETHRUM). NAT. ORD., *Compositæ*.

Handsome, free-flowering, highly ornamental plants, producing a fine effect in the mixed flower and shrubby borders. Half-hardy perennial.

501	Feverfew, Double White. Beautiful bedding-plant, blooming all the season .	.10
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FRENCH HONEYSUCKLE. NAT. ORD., *Leguminosæ*.

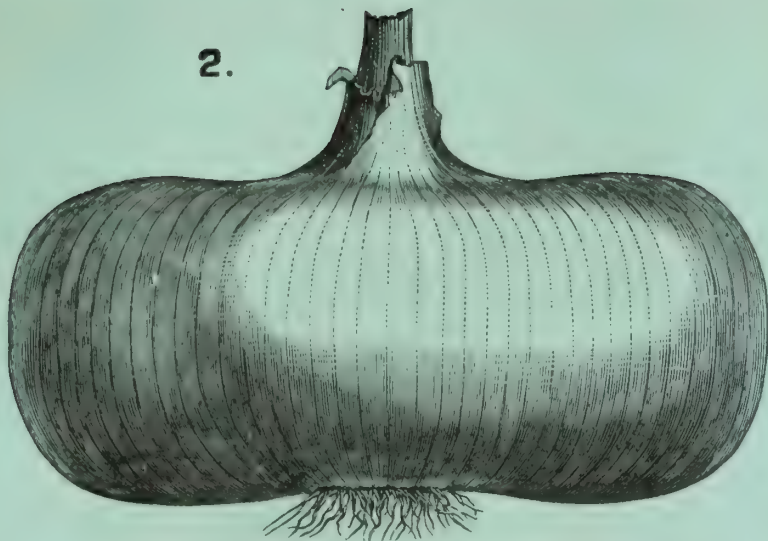
502	French Honeysuckle (<i>Hedysarum</i>), Mixed. A fine border-plant; red and white mixed; from Italy. Hardy perennial. 3 feet05
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GAILLARDIA. NAT. ORD., *Compositæ*.

Showy and universally admired plants, and among the gayest ornaments of summer-flowering annuals; of the easiest culture. Will thrive in almost any garden-soil or situation, and fine for masses. Half-hardy perennials.

503	Gaillardia, Mixed. Finest mixed. 1 foot10
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2.



LARGE FLAT WHITE ITALIAN TRIPOLI ONION.

1.



LARGE BLOOD-RED TRIPOLI ONION.

Specimens of these onions were sent us by Messrs. Carter & Co., of London, England, and were exhibited by us at the Massachusetts Horticultural Society, receiving first-class certificates of merit; they were also exhibited at the New-England fair at Lowell, receiving much attention. Weight of specimens exhibited, from 2 lbs. 6 oz. to 2 lbs. 11 oz. Further description, see page 118.



LUNGREN SQUASH. Sec Novelties



GAJLLARDIA.

- | NO. | GALEGA. (GOAT'S RUE). NAT. ORD., <i>Leguminosæ</i> . | PRICE. |
|-----|--|--------|
| | Very pretty pea-shaped flower; of easy culture. Hardy perennial. | |
| 504 | Galega. Finest mixed | .10 |

GARDOQUIA. NAT. ORD., *Labiata*.

A pretty dwarf-growing plant, continuing in bloom for several months; well worth cultivating on account of its large, showy flowers. Hardy perennial.

- | | | |
|-----|---|-----|
| 505 | Gardoquia Betonicoides. Pink; from Mexico. 3 feet | .10 |
|-----|---|-----|

GEUM. NAT. ORD., *Rosacæ*.

Showy, long-blooming, plants; succeed best in a sandy loam. Hardy perennial.

- | | | |
|-----|------------------------------|-----|
| 506 | Geum. Finest mixed | .10 |
|-----|------------------------------|-----|

GENTIANA. NAT. ORD., *Gentianacæ*.

Very useful perennials. Gentiana Acaulis, which has large, deep-blue gloxinia-shaped flowers, if grown in deep, rich loam, makes a splendid edging in early summer: all the small kinds make interesting rock-plants.

- | | | |
|-----|----------------------------------|-----|
| 507 | Gentiana. Finest mixed | .10 |
|-----|----------------------------------|-----|

GLADIOLUS. NAT. ORD., *Iridacæ*.

- | | | |
|-----|--|-----|
| 508 | Gladiolus Gandavensis, Mixed. The seeds we offer of this beautiful summer-flowering bulb were saved from an amateur collection of prize varieties, and may be relied upon as being of superior quality. We would also call attention to our list of Gladiolus and summer-flowering bulbs | .25 |
|-----|--|-----|

- NO. **GYPSOPHILA.** NAT. ORD., *Caryophyllaceæ.* PRICE
 A pretty-free-flowering, elegant little plant, best adapted for rustic rock-work and edging; succeeding in any garden-soil.
509 Gypsophila Paniculata. White, in large panicles. Hardy perennial. 2 feet. .10
510 — Steveni. White; in corymbs; fine for bouquets. Hardy perennial. 2 feet. .10

- HONESTY (SATIN-FLOWER).** NAT. ORD., *Cruciferae.*
511 Honesty (*Lunaria Biennis*). An old plant, but singularly interesting, from the transparent, silvery-like tissue or coats of the seed-vessels in their dry, matured state, through which the fruit is conspicuously seen, and retaining the same effect for any length of time; well adapted, in a cut state, for grouping with everlasting flowers, &c. Hardy biennial. 2 feet .05

- HUMEA.** NAT. ORD., *Compositæ.*
512 Humea Elegans. One of the most beautiful of all plants for decorations in gardens and pleasure-grounds; in appearance resembling a light, graceful, drooping pyramid of innumerable ruby-red, grass-like florets, rising at first in erect panicles from four to eight feet in height, and gradually assuming its exquisitely beautiful outline of growth. Blooms the second season through the summer and autumn months. Half-hardy biennial .10

- HUNNEMANNIA.** NAT. ORD., *Papaveraceæ.*
 An exceedingly beautiful herbaceous plant, with very pretty tulip-shaped flowers. Grows in a light, rich soil. Half-hardy perennial.
513 Hunnemannia Fumariæfolia. Fine yellow; from Mexico. 2 feet .10



DOUBLE HOLLYHOCK.



IBERIS TENOREANA.

HOLLYHOCK. NAT. ORD., *Malvaceæ.*

The great improvement that has been made in this fine old flower within a few years has now placed it among the most popular flowers of the day; its stately growth and magnificent spikes of flowers being among the most attractive objects of the garden. It flowers the second and third year after sowing, and then dies, unless it is kept up by cuttings, or divisions of root. Seeds sown in January will produce plants which will flower the same year. Hardy perennial.

- 514 Hollyhock, Chinese, Annual.** Double; several beautiful colors; mixed. 2½ ft. .10
515 — Mixed (*Althea Rosea*). Fine varieties. Seventy-five per cent of the plants may be expected to be double .05

A MATHEUR CULTIVATOR'S GUIDE.

No.		PRICE.
516	Hollyhock, Extra Fine Mixed. From the finest English and Scottish named sorts . . . . .	.25
517	— Splendid Collections. See page of assortments.	

IBERIS. NAT. ORD., *Cruciferae*.

Profuse-blooming, pretty little plants, especially adapted for rockeries, old stumps, or rustic baskets. They come into flower amongst our earliest spring plants, and for a long time continue a mass of beauty. Hardy perennials.

518	Iberis Candidissima. New; beautiful; pure white. $\frac{1}{2}$ foot . . . . .	.05
519	— Sempervirens. Fine, white; from Sicily. $\frac{1}{2}$ foot . . . . .	.05
520	— Umbellata. Very fine. $\frac{1}{2}$ foot . . . . .	.05
521	— Carnea. Light pink. $\frac{1}{2}$ foot . . . . .	.05
522	— Tenoreana. Blush. $\frac{1}{2}$ foot . . . . .	.05

IPOMOPSIS. NAT. ORD., *Polemoniaceae*.

Remarkably handsome free-flowering plants, with long spikes of dazzling orange and scarlet flowers; very effective for conservatory and out-door decoration; succeeds in light rich soil. Half-hardy biennial.

523	Ipomopsis. Finest mixed10
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ISOTOMA. NAT. ORD., *Lobeliaceae*.

A neat, erect, slender-branched plant, from six to twelve inches in height, with starry, light porcelain-blue Lobelia-like flowers, which produce a continuation of bloom throughout the summer; very effective for bedding, edging, &c.

524	Isotoma. Finest mixed10
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KALMIA. NAT. ORD., *Ericaceae*.

525	Kalmia Latifolia. A beautiful hardy shrub. White and pink. 4 feet10
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LANTANA. NAT. ORD., *Verbenaceae*.

A remarkably handsome free-flowering genus of plants, with brilliantly-colored flowers constantly changing in hue; very effective either for pot-culture or for bedding purposes. The plants will bloom more profusely if retained in their pots, and plunged where intended to flower. Half-hardy perennial.

526	Lantanas. Mixed varieties. Saved from a named collection25
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LATHYRUS (PERENNIAL PEA). NAT. ORD., *Leguminosae*.

Showy, free-flowering plants, growing in any common soil; very ornamental on trellis-work, old stumps, or for covering fences or walls. Hardy perennials.

527	Lathyrus Latifolius. Red; from England. 5 feet . . . . .	.05
528	— Albus. White. 5 feet . . . . .	.10
529	— Grandiflorus. Large-flowered. 5 feet . . . . .	.10

LAVENDULA (LAVENDER). NAT. ORD., *Labiatae*.

A genus of plants chiefly cultivated on account of the delicious fragrance of their flowers. They succeed in any garden-soil. Hardy perennial.

530	Lavendula Spica. Lilac, from Europe. 2 feet05
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LIATRIS. NAT. ORD., *Compositae*.

A hardy perennial, found in many parts of the United States, growing in meadows and moist places.

531	Liatris. Finest mixed10
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LILIUM. NAT. ORD., *Lilaceae*.

The Lily stands pre-eminent among all flowering bulbs. Stately in habit, varied in color, highly fragrant, perfectly hardy, easily cultivated, and blooming from June until frost, they can claim, as they fully deserve, a prominent place in the largest or smallest garden. The seeds often lie dormant several months before vegetating. Succeeds well in a mixture of loam, peat, and silver-sand.

532	Lilium Giganteum. The tallest and most magnificent of the lilies, growing ten feet high, with white trumpet-shaped flowers, with carmine streaks . . . . .	.25
533	— Lancifolium Hybridum (Japan Lily). Finest mixed . . . . .	.25
534	— Auratum. The new golden-banded Lily. This superb lily has flowers twelve inches in diameter; pure white, with a yellowish band through the centre of each petal, and covered with brownish dots; deliciously fragrant; one stem often produces six to ten of its immense blossoms . . . . .	.25

WASHBURN & COMPANY'S

NO.	LINUM. NAT. ORD., <i>Linaceæ</i> .	PRICE.
A genus of the most beautiful, free-flowering plants.		
535	Linum Perenne. Blue; handsome. Hardy perennial. 1½ feet . . . . .	.05
536	— Album. White-flowered. 1½ feet . . . . .	.05
537	— Candidissimum. White. Hardy perennial . . . . .	.10

LOBELIA. NAT. ORD., *Lobeliaceæ*.

A most elegant and useful genus of dwarf-plants, of easy culture; well adapted for bedding, edging, pots, or rockeries. Hardy perennials.

538	Lobelia Cardinalis (Cardinal Flower). A well-known native variety, with scarlet flowers; one of the finest. 2 feet . . . . .	.25
539	— Hybrida Grandiflora. A new hybrid variety; very fine . . . . .	.25



LYCHNIS HAAGEANA. HYBRID.

LYCHNIS. NAT. ORD., *Caryophyllaceæ*.

A genus of handsome and highly ornamental plants, of easy culture. *Lychnis Chalcedonica* is strikingly effective in mixed flowers and shrubby borders. They succeed in any good rich soil. Hardy perennials.

540	Lychnis Chalcedonica. Scarlet; from Russia. 2 feet . . . . .	.05
541	— Alba. White; from Russia. 2 feet . . . . .	.05
542	— Flos Jovis (Jove's Flower). Bright red; from Germany. 1½ feet . . . . .	.05
543	— Haageana. Beautiful bright scarlet. 1½ feet . . . . .	.10
544	— Hybrida Mixed. Beautiful, with large flowers; the color ranging from the brightest scarlet to blood-red, purple, orange, or white . . . . .	.25
545	— Grandiflora Gigantea. New; with flowers of double the size of the beautiful <i>Lychnis Haageana</i> , in all the colors of white, charcois, rose, scarlet, &c. . . . .	.50
546	— Sieboldi. White, fine. 1½ feet . . . . .	.25

LYTHRUM. NAT. ORD., *Lythraceæ*.

547	Lythrum Roseum Superbum. Deep rose, in long spikes; a fine border plant. Hardy perennial. 2 feet10
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MATRICARIA (FEVERFEW). NAT. ORD., *Compositæ*.

Handsome, free-flowering, highly ornamental plants, fine for bedding or pot-culture. Half-hardy perennials; from Britain.

548	Matricaria Eximia. Double, white; quilled10
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NO.		PRICE
	MYOSOTIS (FORGET-ME-NOT). NAT. ORD., <i>Boraginaceæ</i> .	
	These beautiful little flowers are too well known to need recommendation; will grow around fountains, over damp rock-work. Hardy perennial.	
549	Myosotis Palustris. A well-known favorite, with clusters of delicate blue flowers appearing all summer; blooms the first year from seed. $\frac{1}{2}$ foot .	.05
550	— — Azurea Major. A beautiful variety, with large blue flowers. $\frac{1}{2}$ ft. .	.10
551	— Azorica. Blue, shaded with purple; a fine large-flowered variety .	.10
552	— — var. Cælestina. A new variety of the well-known general favorite, M. Azorica. The flowers are sky-blue, nearly turquoise-blue; very constant .	.10

	NERIUM (OLEANDER). NAT. ORD., <i>Apocynaceæ</i> .	
	A class of splendid double-flowering evergreen shrubs, of a highly ornamental character; fine for conservatory decoration, or placing on lawns and terraces during the summer; growing in any light, rich soil. Half-hardy shrubs.	
553	Nerium Oleander. Mixed colors	10

	NIEREMBERGIA. NAT. ORD., <i>Solanaceæ</i> .	
	Profuse-blooming, elegant, and charming little plants, exceedingly valuable for small beds, edging, and rustic baskets or vases. Half-hardy perennials.	
554	Nierembergia Gracilis. White, veined with lilac; from Uruguay. $\frac{1}{2}$ foot. .	25

	NYCTERINIA. NAT. ORD., <i>Scrophulariaceæ</i> .	
	Neat, compact little plants, covered with pretty, sweet-scented, star-shaped flowers; valuable for edgings, rock-work, stumps, or small beds; succeeds in a light, rich soil. From Cape of Good Hope. Half-hardy perennials.	
555	Nycteria. Finest mixed	10



ENOTHERA LAMARCKIANA.

WASHBURN & COMPANY'S

NO.	OBELISCARIA. NAT. ORD., <i>Compositae</i>.	PRICE
	Bold, showy plants, with rich-coored flowers and curious acorn-like centres; succeeds in any common garden-soil. From Texas. Half-hardy perennial.	
556	<i>Obeliscaria Pulcherrima</i> . Velvety-crimson, tipped with yellow. $\frac{1}{2}$ foot	.10
557	— <i>Aurantiaca</i> . Yellow. 2 feet	.10

CENOTHERA. NAT. ORD., *Onagraceae*.

	A magnificent genus; one of the most useful and beautiful either for beds, borders, edgings, or rock-work. Free-flowering. Half-hardy perennials.	
558	<i>Cenothera Camphyllocarpa Grandiflora</i> . Crimson-orange; large-flowered; beautiful variety; from Peru. 1 foot	.10
559	— <i>Cinnabarina</i> . Rich orange; yellow throat, stained with rich salmon	.10
560	— <i>Grandiflora Lamareckiana</i> . Bright-yellow; the most effective and strikingly beautiful of this splendid genus. 3 feet	.10
561	— <i>Taraxacifolia</i> . Pure white. 1 foot	.10
562	— <i>Fruticosa</i> . Rich yellow flowers; open in sunshine (diurnal). 2 feet	.10

PANSY (HEARTSEASE, OR VIOLA TRICOLOR). NAT. ORD., *Violaceae*.

The Pansy, or Heartsease, is a general favorite and old acquaintance with every one who has any thing to do with a flower-garden. It begins to open its modest but lively flowers as soon as the snow clears off in the spring, and continues to enliven the garden till snow comes again. The flowers are in the greatest perfection in May and June; the burning sun of summer is unfavorable for their greatest beauty, but in autumn they are fine again. The Pansy is properly a biennial, but can be perpetuated by cuttings or division of the roots. Seeds sown in August, in the open borders, will come up readily in a few weeks. The seeds should be slightly covered with fine soil, if covered at all, as half the seeds sown rot in the ground from being covered too deep. They require to be covered during the winter with evergreen boughs or a cold frame.

563	<i>Pansy, Good Mixed</i>	.05
564	— <i>Fine Mixed</i> Good English sorts	.10
565	— <i>Extra Mixed</i> . Saved from named flowers, from English prize collection; the finest in habit of plant, size, form, and substance of flower. Superb	.50
566	— <i>Extra German</i> . These were selected by a celebrated German florist, and may be depended upon as very fine	.25
567	— <i>Auriculiflora</i> . Brown, rose margined; fine	.25
568	— <i>Atropurpurea</i> . Pure, dark, velvety-crimson	.25
569	— <i>Marginata Alba</i> . Velvety-crimson, with white eye, and margined	.25
570	— <i>Aurea</i> . Velvety-crimson, with golden ground, and margined	.25
571	— <i>Pelargonæflora</i> . Petals having a large maroon blotch on white ground	.50
572	— <i>Mixed</i> . Above six varieties mixed. These varieties form a class of FANCY Pansies, with unusually large flowers, conspicuous by their brilliancy and novelty of colors; resist almost the greatest summer heat.	.50
573	— <i>Pure White</i> . Constant and fine	.25
574	— <i>Golden-Yellow</i> . Constant and fine	.20
575	— <i>Dark-Blue</i> . Constant and fine	.25
576	— <i>Light-Blue</i> . Constant and fine	.20
577	— <i>Bronze-colored</i> . Constant and fine	.20
578	— <i>Fancy Striped</i> . Constant and fine	.25
579	— <i>Rose Marbled</i> . Constant and fine	.25
580	— <i>Violet</i> . White Margined. Constant and fine	.25
581	— <i>Mixed</i> . Above varieties mixed	.25
582	— <i>Faust, or King of the Blacks</i> . Flower, black; fine bedding variety	.20

PAPAVER (PERENNIAL POPPY). NAT. ORD., *Papaveraceae*.

A highly ornamental and strikingly effective genus of plants, with brilliant-colored flowers of an immense size, which, in select plantation and shrubby borders, are unusually effective. Hardy perennial.

583	<i>Papaver</i> . Finest mixed	.10
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PENTSTEMON. NAT. ORD., *Scrophulariaceae*.

A genus of well-known and highly ornamental hardy herbaceous plants, with long, graceful spikes of fine-shaped and richly-colored flowers. One of the most effective and free-flowering of border plants. Hardy perennial.

584	<i>Pentstemon</i> . Finest mixed; a fine assortment of colors	.10
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GROUP OF PANSIES.

NO.

PRICE

PHLOX. NAT. ORD., *Polemoniaceæ*.

585 Phlox, Perennial, Mixed. From a collection of upwards of one hundred varieties, embracing all those splendid varieties introduced during the last five years, of which the produce may be fully equal to the original25

PICOTEE PINK. NAT. ORD., *Caryophyllaceæ*.

Favorites and well-known plants of great beauty, combining with the most perfect form the richest and the most beautiful colors. They have a delicate perfume, are easily cultivated, and bloom profusely. Hardy perennial.

586 Picotee Pink. Good mixed10
587 ——— Perpetual, or Tree. Saved from stage-flowers. 1½ feet50

PHYGELIUS. NAT. ORD., *Scrophulariaceæ*.

A handsome free-flowering plant, with large, richly-marked, tubular blossoms; succeeds in light rich soil. Half-hardy perennial.

588 Phygelius Capensis. Large carmine, tubular flowers; inside golden-yellow. From Caffraria. 1½ feet. (See page 44.)25

POLYANTHUS. NAT. ORD., *Primulaceæ*.

A profuse-flowering plant, too well known to need description. The seeds which we offer may be expected to produce the richest color. Hardy perennial.

589 Polyanthus (*Primula elatior*). Good mixed10
590 — Extra Mixed. Saved from named flowers25



POTENTILLA HYBRIDA FLORE PLENO.

POTENTILLA. NAT. ORD., *Rosaceæ*.

These are very handsome herbaceous plants, and, from their hardiness and showy character, are exceedingly useful and ornamental. They may be employed to advantage in filling up vacant nooks and corners. Hardy perennials.

591 Potentilla, Mixed. Finest mixed10
592 — Hybrida flore pleno. This is a great improvement on the old varieties, producing a large proportion of double and semi-double flowers25

PYRETHRUM. NAT. ORD., *Compositæ*.

Handsone, free-flowering, highly ornamental plants, producing a fine effect in the mixed flower and shrubbery borders. Hardy perennial.

593 Pyrethrum. Finest mixed25

RANUNCULUS. NAT. ORD., *Ranunculaceæ*.

594 Ranunculus Asiaticus Superbissimus. This rare class of garden Ranunculus is one of the greatest acquisitions; supplying the place of the Persian tuberous sorts, — so elegant, but so difficult to grow. This is grown as a biennial, flowering freely the second year; producing unusually large double varieties, of an unsurpassed brilliancy of colors, of shades of white, yellow, rose, crimson, blood-red, scarlet, purple, &c.25

AMATEUR CULTIVATOR'S GUIDE.

NO.

PRICE

RHODODENDRON. NAT. ORD., *Ericaceæ*.

A well-known and magnificent genus of free-flowering evergreen shrubs; should occupy a place in every garden; thrives best in peaty soil. Hardy shrubs.

- 595 **Rhododendron.** Finest mixed varieties, from choice named flowers25

ROSE CAMPION. NAT. ORD., *Caryophyllaceæ*.

The Rose Campions are perfectly hardy, and very easily raised from seed, and will well repay the little care they require. The flowers are produced on long stems, blooming freely throughout the season. Hardy perennial.

- 596 **Rose Campion, Mixed**05

ROSE. NAT. ORD., *Rosaceæ*.

- 597 **Rose-Seed.** From a large collection of hybrid Perpetual, Tea, Bourbons, &c.25

ROCKET (HESPERIS). NAT. ORD., *Cruciferae*.

A well-known free-flowering spring plant, very fragrant; growing in any soil. Hardy perennial. From Europe.

- 598 **Rocket, Sweet, Mixed**05

SEDUM (STONE-CROP). NAT. ORD., *Crassulaceæ*.

A useful and interesting genus of pretty little plants, growing freely on rock or rustic work, also on ornamental mounds, old walls, &c., where, during summer, they expand their brilliant star-shaped flowers in profusion. Hardy perennial.

- 599 **Sedum, Mixed.** Choicest varieties10

SILENE. NAT. ORD., *Caryophyllaceæ*.

Among the tribe of Silenes will be found some of the brightest ornaments of the flower-garden, either in respect to brilliancy of color, or length of duration in bloom; fine for beds, borders, or ribbons.

- 600 **Silene Schafra.** Rosy-lilac; from Russia. Hardy perennial05
601 — **Saxifraga.** Pink. Hardy perennial. $\frac{1}{2}$ foot10

STOCKS (GERMAN, FRENCH, AND ENGLISH). NAT. ORD., *Cruciferae*.

The Intermediate or autumn-flowering varieties, if sown early in spring, will bloom the same autumn. For winter flowering, they should be sown in June. They are also valuable for early spring blooming, for which purpose they should be sown the last of July or in August, and kept from hard frost during winter. Plants treated in this way, and planted out in beds in May, make a rich display.

The Emperor, or perpetual-flowering. This magnificent class of Stocks may be treated in the same manner as the Intermediate. They frequently last several years if protected from frost; hence its name, — Perpetual.

The Brompton and Giant Cape are generally called Winter Stocks on account of their not flowering the first year. The former is robust and branching. The latter possesses the characteristics so much esteemed; viz., immense pyramidal spikes.

- 602 **Stock, Intermediate, or Autumn-flowering.** (Twelve distinct colors mixed.) .25
603 — **Perpetual, or Emperor.** Finest mixed10
604 — **— New Large-flowering.** Finest mixed; superb25
605 — **Hybrid Giant Cape, or Cocardeau Stocks.** Finest mixed.25
606 — **Brompton, or Winter.** Finest mixed10
607 — **— New Large and Early-flowering.** The habit of which is extremely robust; foliage of a most striking green, by which the lively colors produce the greatest effect; mixed25

(For splendid assortments of Stocks, see Collections.)

SWEET WILLIAM. NAT. ORD., *Caryophyllaceæ*.

A useful and well-known tribe of plants, perfectly hardy, and easily raised from seed: a bed of fine varieties presenting a rich sight. It sports into endless varieties, which we can confidently recommend as superior to any thing ever before offered in this country. Hardy perennials.

- 608 **Sweet William.** Fine Mixed05
609 — **— Double-flowering.** Mixed. Splendid collection of double flowers . .10
610 — **— Auricula-flowered.** One of the most desirable, differing from other varieties only in the markings of the flowers, which resemble the Auricula .25
611 — **— Hunt's Perfection.** Saved from Bragg's finest strain in cultivation; has taken the first prize at all the London exhibitions the past season; truly gorgeous in size, color, and variety.25

WASHBURN & COMPANY'S

NO.	TRIFOLIUM. NAT. ORD., <i>Leguminosæ</i> .	PRICE.
	Remarkably showy plant, with large handsome flowers; grows freely in any soil. Hardy biennials.	
612	Trifolium Odoratum (Sweet-scented Clover). White; very fragrant. 4 ft. . . . .	.05
	VALERIAN. NAT. ORD., <i>Valerianaceæ</i> .	
	Perennial plants; mostly natives of Europe; will grow in almost any soil. The dwarf species are very suitable for rock-work. Half-hardy perennials.	
613	Valerian. Finest mixed	.05
	VERONICA. NAT. ORD., <i>Scrophulariaceæ</i> .	
	A genus of the most beautiful and showy evergreen shrubs, producing their handsome spikes of flowers in the greatest profusion. Hardy perennials.	
614	Veronica. Finest mixed	10.



VERBENA.

VERBENA. NAT. ORD., *Verbenaceæ*.

A charming genus of universally admired and easily cultivated plants, simply requiring the treatment of half-hardy annuals to have them bloom during the summer; for winter decoration they are invaluable. Half-hardy perennial.

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NO.		PRICE.
615	Verbena Aubletia. Reddish purple; from North America. Half foot10
616	— Drummondii. Lilac; from Texas . . .	.10
617	— Teucroides Odorata. Fine white; from Germany . . .	.10
618	— Venosa. Rich purple; free bloomer; trailer. From Buenos Ayres . . .	.10
619	— Fine Mixed . . .	.10
620	— Hybrida. From finest named sorts; extra mixed . . .	.25
621	— New Italian Striped. One of the best; brilliant colors of carnation-like, striped with rose, lilac, purple, on various-colored ground . . .	.25
622	— Auriculæflora. A splendid novelty, large and well formed; blooms in various shades, with a distinct eye of white or rose, and properly called Auriculæflora, as the disk comes near the Polyanthus and Auricula . . .	.50
623	— Coccinea. From most brilliant scarlet flowers . . .	.25
624	— Montana. This is another gem, truly: it has the habit of the common Verbena, but is perfectly hardy, and blooms more profusely. The plant literally covers itself with its bright, rose-colored flowers . . .	.25

VIOLET. NAT. ORD., *Violaceæ*.

625	Violet. The Czar. A very large and beautiful variety of the Violet. The flowers, which are of the deepest blue violet, are borne on very long foot-stalks (five to six inches in length), and are nearly twice as large and much sweeter than the old Russian Violet. It is so hardy that it commences blooming in September, and continues flowering until May, . . .	.25
626	Viola Cornuta. One of the finest of all known violets for summer and autumn decoration. A neat, compact, perennial, herbaceous plant. Six to nine inches high, with small heart-shaped leaves; and yielding a succession of conspicuous, delicate, light-mauve-blue flowers as large as the leaves, in succession, from April to October. A beautiful plant for clumps or edgings, forming a rich, compact mass of green foliage, set off by the profusion of deep purple, mauve-color, and violet blossoms . . .	.25

WALLFLOWER. NAT. ORD., *Cruciferaæ*.

A useful and ornamental class of plants; very fragrant. Half-hardy perennial.

627	Wallflower. Good mixed . . .	.05
628	— Double. Finest German; mixed . . .	.10

ZAUSCHNERIA. NAT. ORD., *Onagrarica*.

629	Zauschneria Californica. A very interesting and valuable hardy autumn-flowering plant, with a profusion of scarlet flower-tubes in September, October, and November; well adapted for dry, gravelly soils in sunny situations, handsome for beds and borders. Hardy perennials. 1 foot25
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GREENHOUSE SEEDS.

ABUTILON. NAT. ORD., *Malvaceæ*.

These flowers are extremely beautiful for the conservatory: they are natives of Brazil, and half shrubby, with vine-like leaves and bell-shaped flowers, being richly veined and striped, of a wax-like appearance. Many of the varieties succeed well in the open ground during the summer.

631	Abutilon Alphonse Karr. Orange, veined with crimson; very fine. 5 feet . . .	.25
632	— Duc de Malakoff. Yellow, veined with maroon; very fine. 6 feet . . .	.25
633	— Floribundum. Fine yellow. 5 feet . . .	.25
634	— Marmoratum. Flowering in great profusion all winter; producing pure white flowers, veined and marbled with bright rose. 6 feet . . .	.25
635	— Mixed . . .	.25

ACACIA. NAT. ORD., Leguminosæ.

In praise of this class of ornamental shrubs, it is almost impossible to speak too highly; they are not only of invaluable use for greenhouse decoration, but also, during summer, they will be of equal service in the flower-garden, where their beautiful foliage and neat habit alone cannot fail to render them very attractive.

- 636 *Acacia Albicans*. White, with beautiful silvery foliage; from Mexico. 5 feet .25
 637 — *Argyrophylla*. Superb; yellow, silvery foliage. 6 feet .25
 638 — *Cultriformis*. Yellow; from New Holland. 5 feet .25
 639 — *Coccinea*. Most novel of the Acacias; color, bright rose, fine foliage. 5 ft. .25
 640 — *Dealbata*. Canary-yellow foliage, very graceful. 5 feet .25
 641 — *Douglasii*. Yellow, graceful, and distinct; from North America. 5 feet .25
 642 — *Grandis*. Golden yellow, a most beautiful species; from New Holland. 6 ft. .25
 643 — *Ixiophylla*. Golden yellow, very handsome; from Swan River. 6 feet .25
 644 — *Julibrissin* (silk-tree). A hardy and elegant shrub, with tassel-like tufts of beautiful rosy flowers; from Persia. 5 feet .10
 645 — *Longifolia*. Yellow, foliage long and slender; from New So. Wales. 5 ft. .25
 646 — *Lophantha*. Yellow, beautiful foliage; from New South Wales. 5 feet .10
 647 — *Nematophylla*. Bright yellow; a splendid acquisition, called one of the best of its class, flowering freely nearly the whole year; fine habit. 6 ft. .25
 648 — *Xylophyloides*. The most splendid of all, producing rich clusters of golden blossoms, light-green lanceolated foliage; from New Holland. 6 feet .25

ACHIMENES. NAT. ORD., Gesneriaceæ.

These are among the most beautiful plants for the decoration of a greenhouse or conservatory during the summer, being of dwarf, compact, branching habit, and flowering abundantly throughout the whole season. Grown in masses, in large pots or pans, they form superb objects for exhibition. Their culture is simple. After flowering, water should be gradually withheld, and the bulb allowed to remain in a dry state until they commence growing again.

- 649 *Achimenes*, Mixed. Saved from one of the largest collections in Europe. .50

ADIANTUM. NAT. ORD., Cryptogamia.

- 650 *Adiantum* (Maiden Hair). Mixed. A beautiful species of fern .50

AGAPANTHUS (AFRICAN LILY). NAT. ORD., Hemerocalidaceæ.

A highly ornamental plant, with large, handsome heads of bloom; very effective for parterres, terraces, gravel-walks, or by the side of lakes and ponds; will not bear hard frost; may be kept in the cellar during the winter.

- 651 *Agapanthus Umbellatus*. Blue; half-hardy bulb; from Africa. 2 feet .25

ALONSOA. NAT. ORD., Scrophulariaceæ.

These plants are very ornamental, either in the greenhouse, or grown as annuals in the open border during the summer, flowering freely from June until frost. Tender perennials.

- 652 *Alonsoa*. Finest mixed; from Chili .10

ARALIA. NAT. ORD., Araliaceæ.

- 653 *Aralia Papyrifera* (Chinese Rice-paper plant). Greenhouse shrub from China. 4 feet .25

ASCLEPIAS. NAT. ORD., Asclepiadaceæ.

Handsome plants, remarkable for the singularity and beauty of their flowers; requiring a light soil. Greenhouse perennials.

- 654 *Asclepia*. Finest mixed .10

AZALEA. NAT. ORD., Ericaceæ.

Beautiful flowering plants, requiring very careful treatment. All the species should be grown in peat, leaf-mould, and a very sandy loam.

- 655 *Azalea Indica*. Saved from finest named collection; greenhouse shrubs 4 ft. .25

BEGONIA. NAT. ORD., Begoniaceæ.

A magnificent genus of ornamental greenhouse plants, as remarkable for the varied and beautiful foliage of many of its varieties as for the splendor and profusion of the flowers of others. Should be grown in sandy peat and loam.

- 656 *Begonia*, Mixed. Several of the most choice sorts mixed .25

AMATEUR CULTIVATOR'S GUIDE.

- | NO. | | PRICE. |
|-----|---|--------|
| 657 | Begonia Pearcei (<i>Veitch</i>). A beautiful species, with large bright yellow flowers borne on slender stems, well above the leaves, the upper sides of which are of a dark velvety green, traversed by pale, straw-colored veins | .50 |

BILLBERGIA. NAT. ORD., *Bromeliaceæ*.

A magnificent stove-plant, with long, graceful, delicate green foliage, beautiful zebra-striped flowers, extremely handsome and showy, succeeding best in sandy peat and loam.

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| 658 | Billbergia Zebrina. Scarlet and purple; beautiful. From Rio Janeiro. 1½ ft. | .25 |
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BOCCONIA FRUTESCENS.

BOCCONIA. NAT. ORD., *Papaveraceæ*.

A new and beautiful foliated greenhouse plant, and one of the rarest plants yet introduced for the decoration of beds and lawns in summer.

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|-----|---|-----|
| 659 | Bocconia Frutescens. A splendid novelty; very rare | .50 |
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CACTUS. NAT. ORD., *Cactaceæ*.

An extremely curious and interesting genus, many of the varieties producing magnificent flowers of the most brilliant colors. Succeeds best in sandy loam, mixed with lime-rubbish and a little peat or rotten dung. Greenhouse perennial.

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| 660 | Cactus, Mixed. A choice collection; from Africa | .25 |
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CALCEOLARIA. NAT. ORD., *Scrophulariaceæ*.

Plants of a highly decorative character; an indispensable ornament for the drawing-room or conservatory. The shrubby variety is sometimes grown for in-door and sometimes for out-door decoration. Half-hardy perennials.

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|-----|---|-----|
| 661 | Calceolaria Hybrida. Mixed. Saved from a named collection | .25 |
| 662 | — Superba Grandiflora. Extra fine, spotted and striped, large-flowered; saved from the prize flowers; superb. 1 foot | .50 |
| 663 | — Nana. A new dwarf variety from Germany, beautifully marked, close, compact habit, free-bloomer; one of the best. Mixed. ¾ foot | .50 |
| 664 | — Rugosa Tigrini. New; spotted and striped of the above; very fine | .50 |
| 665 | — Scabious-leaved. Sulphur-yellow flowers, in great profusion. 2 feet | .10 |

CALLA. NAT. ORD., *Araceæ*.

A very handsome plant, either as an aquatic or for the ornamentation of the drawing-room or conservatory. Half-hardy perennial.

- | | | |
|-----|---|-----|
| 666 | Calla Æthiopica. White; from Cape of Good Hope. 2 feet | .25 |
|-----|---|-----|

NO.

CAMELLIA. NAT. ORD., *Ternstroemiaceæ*.

PRICE

Favorite winter and spring-flowering plants of great beauty. The amateur, in sowing seed saved from the following choice sorts, has a fair chance of raising some valuable varieties; succeed in sandy peat and loam. Half-hardy shrubs.

667 *Camellia Japonica*, Mixed. From a choice named collection of double flowers .50

CASSIA. NAT. ORD., *Leguminosæ*.

A genus of highly ornamental and exceedingly useful free-flowering shrubs, for conservatory or greenhouse decoration; growing freely out of doors during the summer; succeeding best in a mixture of loam and peat. Greenhouse shrubs.

668 *Cassia*. Fine mixed; splendid collection .25

CESTRUM. NAT. ORD., *Solanaceæ*.

A genus of handsome plants for conservatory or greenhouse decoration; covered during the months of November and December with a profusion of beautiful tube-shaped blossoms; grows freely in rich loam and peat. Greenhouse shrub.

669 *Cestrum Auranticum*. Bright-orange; very pretty. From Guatemala. 3 ft. .25



CHAMÆROPS EXCELSA.

CHAMÆROPS. NAT. ORD., *Palmaceæ*.

670 *Chamærops Humilis* (Fan Palm). A very ornamental palm, from six to ten feet high, and highly effective either for decorating the conservatory in winter, or the lawn in summer. It may be easily wintered in the cellar .10

671 — *Excelsa*. This fine palm, which has attracted so much attention in the south of France, where it stands the winter without protection, is considered a valuable addition to this class of plants .50

CHINESE PRIMROSE (PRIMULA). NAT. ORD., *Primulaceæ*.

A charming, profuse-flowering plant, indispensable for winter and spring decoration, and a universal favorite. Our seeds are selected with great care from one of the finest collections in Europe. Greenhouse perennial.

672 *Chinese Primrose*, Fringed. Purple; saved from only finest-fringed flowers. .50

673 — — — White. Same as above .60

674 — — — Striped. White, striped with red .50

AMATEUR CULTIVATOR'S GUIDE.

NO.		PRICE.
675	Chinese Primrose, Erecta Alba. Strong-growing variety, throwing the flowers well out from the fine foliage. Flowers beautifully fringed. White. .50	
676	— Fimbriata Marginata Lilacina. Flowers, fine imbricated white and lilac shaded; the leaflets are narrow, bordered with white . . . 1.00	
677	— Erecta Flore Pleno Alba. A beautiful variety of the double-white Chinese Primrose, very choice . . . 1.00	
678	— Flore Pleno. Double Prize Varieties. We have the pleasure of offering to amateurs the choicest varieties of Chinese Primrose, unequalled by any yet produced, comprising a proportion of double flowers. These seeds were received directly from the celebrated London growers, who received one special and three first-class certificates from the Royal Horticultural Society. "This strain of Primula is a remarkable one. The flowers are large, full, and frilled; and in color, vary from white, through shades of pale flesh-color, to blush of deepest hue" . . . 1.00	
679	— Fimbriata Punctata. Splendid variety; with large bouquets of flowers, finely fringed; brilliant crimson, spotted with white50	
680	— Erecta Superba. Erect-growing variety, bright rose-colored50	
681	— Macrophylla. Remarkable variety, with long, massive foliage, and beautiful flowers, of great substance, beautiful form, and finely fringed. .50	
682	— Good, Mixed25	
683	— Extra, Mixed. All the best varieties mixed50	



CHINESE PRIMROSE.

CHOROZEMA. NAT. ORD., Leguminosæ.

A splendid profuse-flowering genus of shrubs, whose rich-colored blossoms and graceful habits render them remarkably effective objects for conservatory or greenhouse decoration; succeed best in sandy peat and loam. Greenhouse shrubs.

- 684 **Chorozema, Mixed.** Including several fine varieties 25

CINERARIA. NAT. ORD., Compositæ.

A well-known favorite free-flowering plant, which may be had in splendid bloom through the greater portion of the year, and, from the richness and diversity of its colors, is one of the most valuable plants. Half-hardy perennial.

- 685 **Cineraria, Fine-Mixed.** 1½ feet 25
686 — **Extra Fine-Mixed.** Saved from the choicest-named flowers. 1½ feet 50
687 — **Maritima.** Silvery foliage, beautifully cut; an admirable bedding-plant, and forms a fine contrast to *Perilla Nankinensis*. 1½ feet 10

CLIANTHUS. NAT. ORD., Leguminosæ.

A genus of magnificent free-flowering greenhouse shrubs, with elegant foliage and brilliantly colored, singularly shaped flowers, which are produced in clusters, and have a splendid effect. *Clianthus Magnus* and *Clianthus Puniceus* blossom freely out of doors in summer, against a trellis or south wall; *Clianthus Dampieri* succeeds best planted in the border of a greenhouse, and is one of the most magnificent plants; seeds sown in spring flower the first year. Greenhouse shrubs.

- 688 **Clianthus Dampieri.** Brilliant scarlet, with intense black spot in the centre of the flower. One of the most magnificent flowers in cultivation 20
689 — **Dampieri Alba.** A new and remarkable variety, with large white flowers, delicately marked with a scarlet line around each petal 50
690 — **Magnificus.** Beautiful scarlet-flowering shrub; elegant foliage. 4 feet 25

CONOCLINIUM. NAT. ORD., Compositæ.

A greenhouse evergreen shrub, with beautiful, large clusters of *Ageratum*-like flowers; succeeds in a light, rich soil. Greenhouse shrubs.

- 691 **Conoclinium lanthinum.** Pale blue; very handsome. From Brazil. 2 feet 25

CUPHEA. NAT. ORD., Lythraceæ.

A highly ornamental and exceedingly beautiful genus of profuse-blooming plants, equally valuable for the ornamentation of the flower-house, drawing-room, and garden. If sown early, they can be used for bedding-plants the first year.

- 692 **Cuphea Galtottiana.** A new species, with flowers nearly black; remarkable 25
693 — **Platycentra.** Well-known variety; flowers scarlet, black, and white 10
694 — **Zimapani.** A new variety, with large violet-red flowers 25

CYCLAMEN. NAT. ORD., Primulacæ.

Few plants present a more gay appearance in the early spring months than the *Cyclamen*. From November to May, they enliven the greenhouse with their singularly shaped and various-colored flowers, often in such masses as to eclipse many more stately and conspicuous objects. Half-hardy perennial.

- 695 **Cyclamen.** Splendid assortment; mixed 25

CYTISUS. NAT. ORD., Leguminosæ.

An extremely useful free-flowering, ornamental tribe of shrubs, equally valuable for the decoration of the conservatory, drawing-room, and flower-garden; succeeding in any ordinary soil. Greenhouse shrubs.

- 696 **Cytisus Attleyanus.** A splendid shrub 25

DAUBENTONIA. NAT. ORD., Leguminosæ.

- Very handsome, flowering, elegant greenhouse shrubs, succeeding in sandy loam
697 **Daubentonia.** Fine mixed 25

EPACRIS. NAT. ORD., Epacridacæ.

A well-known genus of extremely beautiful and interesting plants, flowering most profusely during the winter. Greenhouse shrub.

- 698 **Epacris, Fine-mixed.** Saved from a splendid collection 25

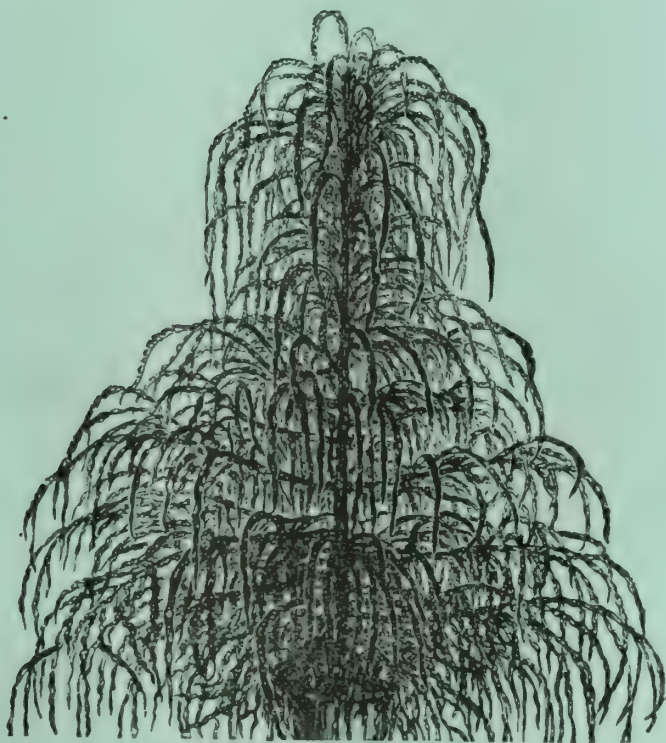
ERICA (HEATH). NAT. ORD., Ericacæ.

A well-known genus of extremely beautiful and interesting plants, flowering most profusely, and especially effective from their compact, close habit of growth. Both the hardy and greenhouse varieties require a sandy peat.

- 699 **Ericas, Finest Mixed.** A choice selection, from Cape of Good Hope. 2 feet 25



CONVOLVULUS MAURITANICUS. See No. 133.



AMARANTHUS SALICIFOLIUS. See page 114.



PYRAMIDAL BOUQUET MIGNONETTE.



NEW DWARF COMPACT MIGNONETTE.

Rare Flowers and Novelties

AMATEUR CULTIVATOR'S GUIDE.

NO.	ERYTHRINA. NAT. ORD., <i>Leguminosæ</i> .	PRICE.
	A magnificent genus of half-hardy shrubs, with fine leaves, and beautiful, brilliant scarlet flowers, borne on spikes from one to one and a half feet long. They may be taken up in the fall, and kept in perfect preservation during the winter in a dry cellar, the roots covered with half dry earth: when taken up, the branches should be well cut back, say to within four inches of the previous year's growth. They will flower beautifully three or four times in the course of the summer.	
700	<i>Erythrina Coraliodendron</i> (Coral-tree). Scarlet; from West Indies. 10 ft.	.25
701	— <i>Crista Galli</i> . Scarlet; from Brazil. 10 feet . . . . .	.25

	FERNs. NAT. ORD., <i>Polypodiaceæ</i> .	
	This graceful and magnificent tribe is too well known and highly appreciated to need description. From the seeds we offer, the amateur has the certainty of raising many elegant and graceful varieties. Delights in peaty, sandy soil.	
702	Ferns <i>Pteris Argyrea</i> . Beautifully variegated with silver . . . . .	.25
703	— — <i>Golden and Silver</i> . Finest mixed . . . . .	.25
704	— <i>Mixed</i> . Choicest greenhouse and stove varieties. . . . .	.25

	FABIANA. NAT. ORD., <i>Solanaceæ</i> .	
	A handsome Erica-like greenhouse shrub, a profuse bloomer, and of the easiest culture. Thrives best in sandy peat.	
705	<i>Fabiana Imbricata</i> . White, from Chili. 2 feet . . . . .	.25

	FUCHSIA. NAT. ORD., <i>Onagraceæ</i> .	
	These beautiful plants are natives of South America, and have, until lately, been treated as greenhouse plants; but the greater number are now considered among the more ornamental of our hardy exotics; they grow freely in the open ground, and enliven our flower-gardens during the whole summer. Half-hardy perennials.	
706	<i>Fuchsia</i> . From named varieties; superb . . . . .	.50
707	— <i>Good Mixed</i> . Including many fine varieties . . . . .	.25

	GERANIUM (PELARGONIUM). NAT. ORD., <i>Geraniaceæ</i> .	
	There are few plants more easily grown, or that better repay the care of the cultivator, than Geraniums, or, as they are more properly called, Pelargoniums. The seeds we offer are selected with great care from some of the finest collections in Europe, and may be depended upon as being the finest. Half-hardy perennials.	
708	<i>Geranium</i> , <i>Finest Mixed</i> . Saved from the finest fancy varieties . . . . .	.25
709	— <i>French Hybrids</i> (<i>Oliera</i>). New spotted varieties; very fine . . . . .	.25
710	— <i>Scarlet</i> . Very fine for bedding and pot-culture . . . . .	.10
711	— <i>Mixed</i> . Saved from scarlet, salmon, rose, and white-flowering varieties . . . . .	.25

	GESNERA. NAT. ORD., <i>Gesneraceæ</i> .	
	Showy hothouse plants, generally with scarlet flowers. Perennial bulbs.	
712	<i>Gesnera</i> , <i>Finest Mixed</i> . A fine collection, embracing an assortment of colors . . . . .	.25

	GLOXINIA. NAT. ORD., <i>Gesneraceæ</i> .	
	A superb genus of stove-plants, producing in great profusion beautiful flowers of the richest colors. Thrives in sandy peat and loam. Hot-house bulbs.	
713	<i>Gloxinia Erecta</i> . Saved from a fine collection . . . . .	.50
714	— <i>Finest Hybrid</i> . From finest-named flowers . . . . .	.50
715	— <i>Good Mixed</i>. . . . .	.25

	HABROTHAMNUS. NAT. ORD., <i>Solanaceæ</i> .	
	Exceedingly handsome greenhouse shrubs, with beautiful bunches of brilliant-colored flowers of a waxy appearance, especially useful for winter and spring decoration of the conservatory or drawing-room.	
716	<i>Habrothamnus</i> , <i>Finest Mixed</i> . . . . .	.25

	HARDENBERGIA. NAT. ORD., <i>Leguminosæ</i> .	
	A very pretty and ornamental greenhouse climber, producing a profusion of splendid pea-shaped flowers, especially suited for pillars, rafters, or wire globes.	
717	<i>Hardenbergia</i> , <i>Finest Mixed</i> . . . . .	.25

	HELIOTROPIMUM. NAT. ORD., <i>Boraginaceæ</i> .	
	The Heliotrope is almost too well known to need recommendation. Its scent is delightful; well adapted for bedding or pot-culture. Seeds sown in spring make fine plants for summer decoration. Half-hardy perennial.	
718	<i>Heliotropium</i> . Mixed; comprising ten sorts . . . . .	.10



SILVER FERN.

AMATEUR CULTIVATOR'S GUIDE.

HIBISCUS. NAT. ORD., *Malvaceæ*.

PRICE.

One of the most ornamental, beautiful, and showy tribes of plants cultivated. Whether the hardy sorts be planted in mixed or shrubby border, or the more tender varieties be grown for in-doors decoration, they are all alike characterized by the size and varied beautiful colors of their flowers.

- 719 *Hibiscus*. Greenhouse sorts. Mixed 25

INCARVILLEA. NAT. ORD., *Bignoniaceæ*.

Elegant free-flowering climbers, of graceful habit; succeeds best in loam and peat. Greenhouse climber.

- 720 *Incarvillea Sinensis*. White trumpet flowers, shaded with rose; from China. 20 f. 25
721 — *Grandiflora*. New. A very distinct and pretty dark-colored species . 50

INDIGOFERA. NAT. ORD., *Leguminosæ*.

A genus of elegant free-flowering greenhouse shrubs, of easy culture, thriving in sandy loam and peat.

- 722 *Indigofera*, Finest Mixed 25

KENNEDYA. NAT. ORD., *Leguminosæ*.

These climbers are among the most striking of greenhouse ornaments, and deserve more extensive cultivation than has hitherto been extended to them, as few plants are more serviceable for greenhouse decoration. Their bright colors impart a most cheerful appearance; and, if trained round fanciful wire shapes, a peculiarly interesting effect is produced. Greenhouse shrub.

- 723 *Kennedya*. Splendid mixture 25

LAGERSTRÆMIA. NAT. ORD., *Lythraceæ*.

A splendid greenhouse shrub, with exceedingly handsome flowers, sometimes called the Bride of India.

- 724 *Lagerstræmia Indica*, Finest Mixed 25

LISIANTHUS. NAT. ORD., *Gentianeæ*.

When well grown, this is a splendid plant for greenhouse or conservatory decoration. Its flowers are extremely handsome, and of rich dark-blue, which few greenhouse plants possess. Succeeds best in a sandy peat, with very little loam. Winter in a warm greenhouse, and re-pot in spring.

- 725 *Lisianthus Russellianus*. Rich-blue, shaded with purple; from Mexico. 2 ft. 25

MANDEVILLEA. NAT. ORD., *Apocynaceæ*.

Well-known as a most elegant and beautiful pure white, large, open, highly fragrant, trumpet-shaped flower, freely produced in a profusion of racemes, which renders it extremely attractive either in greenhouse or garden. From Buenos Ayres.

- 726 *Mandevillea Suaveolens*. White. Greenhouse shrub. 10 feet . . . 25

MELALEUCA. NAT. ORD., *Myrtaceæ*.

A genus of very desirable greenhouse or conservatory plants, remarkable for the neatness of their foliage, and the beauty of their flowers, which are produced on gracefully drooping branches.

- 727 *Melaleuca*. Finest mixed 25

MIMULUS (MONKEY-FLOWER). NAT. ORD., *Scrophulariaceæ*.

A genus of extremely handsome, profuse-flowering plants, with singularly shaped and brilliantly colored flowers, which are distinguished by their rich and strikingly beautiful markings. Seeds sown in spring make fine bedding-plants for summer blooming, while seed sown in autumn produces very effective early-flowering greenhouse plants. Half-hardy perennials.

- 727½ *Mimulus Moschatus* (Musk Plant). Yellow. ½ foot 10
728 — *Cupreus*. Six or eight inches high, with handsome, glossy foliage, and large, finely-formed, orange-scarlet flowers; very free-flowering . . . 10
729 — *Pardina* (*Tigrinoides*). Beautiful blotched and spotted hybrid, having dwarf habit and glossy foliage, with large, finely-shaped flower of a rich yellow ground, blotched and spotted in the most striking manner . . . 25
730 — Finest Mixed. The above mixed 25

OXALIS. NAT. ORD., *Oxalidaceæ*.

Elegant flowering-plants, particularly adapted for the greenhouse or parlor, where they bloom in mid-winter.

NO.		PRICE.
731	Oxalis Rosea. Very neat, erect-growing plant, six to nine inches high, with numerous clusters of bright rose-colored, salver-shaped flowers . . .	.10
732	— Tropaeoloides. Yellow. Tender annual. $\frac{1}{4}$ foot . . .	.10



MANDEVILLEA SUAVEOLENS.

PELARGONIUM. NAT. ORD., *Geraniaceæ*.

A genus of indispensable and beautiful greenhouse plants: whether for the adornment of the conservatory or the drawing-room, they stand unrivalled. Greenhouse perennial.

- 733 **Pelargonium.** Finest mixed. From named prize flowers25
 734 — **Fancy.** Saved from the newest and best varieties in cultivation50
 735 — **Ivy-Leaved.** These Ivy-leaved Pelargoniums are useful from their graceful, drooping growth, for vases, rustic, or suspending baskets; their rich, wax-like foliage alone is ornamental50
 736 — **Spotted.** This strain has been obtained by hybridizing the attractive French kinds with the best varieties of the most eminent English growers .50
 737 — **Tricolor Varieties.** The seed now offered was saved from distinctly-marked varieties; which, having been carefully hybridized, may be expected to yield a good proportion of this deservedly popular section . . .50
 (For other varieties, see Geranium.)

PETUNIA. NAT. ORD., *Solanaceæ*.

A highly ornamental and profuse-flowering, easily cultivated garden favorite, equally effective and beautiful whether grown in pots for the decoration of the greenhouse or sitting-room window, or planted out in beds or mixed borders. The brilliancy and variety of its colors, combined with the duration of its blooming period, render it invaluable. Seeds sown in spring make fine bedding-plants for summer and autumn display; succeeds in any rich soil. Half-hardy perennial.

- 738 **Petunia Grandiflora Hybrida.** Mixed; saved from named flowers . . .25
 739 — **Marginata.** Green-bordered; a fine variety10
 740 — **Inimitable.** Red-margined and blotched, with pure white; fine . . .25
 741 — **Countess of Ellesmere.** Deep rose, with white throat . . .10
 742 — **Striatifolia.** A beautiful striped variety25

AMATEUR CULTIVATOR'S GUIDE.

NO.		PRICE.
743	Petunia Flore Pleno. These are fecundated with great care, and are sure to produce a large percentage of double flowers . . . . .	.25
744	— Large-flowered Alba. White; fine . . . . .	.10
745	— — — Purpurea. Purple . . . . .	.10
746	— — — Rosea. Rose-colored . . . . .	.10
747	— — — Violet. Violet . . . . .	.10
748	— — — Good Mixed . . . . .	.05
749	— — — Finest Mixed . . . . .	.10

PITTOSPORUM. NAT. ORD., *Pittosporaceæ*.

A handsome genus of exceedingly ornamental shrubs; thrives in peat and loam. Greenhouse shrubs.

750	Pittosporum. Finest mixed25
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POINCIANA. NAT. ORD., *Leguminosæ*.

A very elegant and ornamental genus of greenhouse shrubs, requiring a rich soil.

751	Poinciana. Finest mixed25
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POLYGALA. NAT. ORD., *Polygalaceæ*.

A very handsome genus of greenhouse evergreen shrubs, which may be grown out of doors in summer; thrives best in peat and loam.

752	Polygala. Finest varieties mixed25
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PUNICA. NAT. ORD., *Myrtaceæ*.

Certainly amongst the handsomest of shrubs. Under the shelter of a south wall, they flower profusely throughout the summer. Half-hardy shrubs.

753	Punica Granatum (Pomegranate). Waxy scarlet; from south of Europe25
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SALVIA SPLENDENS COMPACTA.

SALVIA. NAT. ORD., *Labiata*.

The following varieties are very fine for the conservatory or autumn flowering; remarkable for their spikes of rich-colored flowers. Half-hardy perennials.

754	Salvia Amabilis. Lavender-blue; from South America. 2 feet . . . . .	.10
755	— Argentea. Fine large silvery foliage, of great substance; from Crete. 2 ft. . . . .	.10

WASHBURN & COMPANY'S

NO.		PRICE
756	Salvia Patens. Splendid deep blue; from Mexico. 3 feet . . . . .	.25
757	— Splendens. Beautiful scarlet. 3 feet . . . . .	.25
758	— Splendens Compacta. Distinguished from the old Splendens by its more tufted and compact habit, its dwarfer growth, and by the spikes of flowers, which bloom earlier, and more dense on the stems . . . . .	.25
759	— Azurea. Fine azure-blue. 2 feet . . . . .	.25

SCHIZOSTYLIS. NAT. ORD., *Iridææ*.

A new African plant, which appears to be a rival to the *Gladiolus*, resembling it not only in general habit, but in the brilliancy of its long spikes of broad open flowers, varying from deep rosy crimson to vivid scarlet, and measuring two inches across. It appears quite hardy, and blooms in the autumn, remaining long in flower. It is easily cultivated, and will be very valuable for the open garden or for greenhouse decoration. The flowers are striking and brilliant.

760	Schizostylis Coccinea. Scarlet50
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SCHINUS. NAT. ORD., *Teribinthaceæ*.

An elegant, ornamental, and highly fragrant greenhouse shrub, with beautiful bunches of waxy, currant-like fruit. The plant forms a desirable drawing-room ornament, and is easily cultivated; seeds sown in spring make handsome autumn plants. It succeeds out of doors in summer.

761	Schinus Molle (Pepper-Shrub). From Peru. 6 feet25
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SIDA. NAT. ORD., *Malvaceæ*.

Handsone, free-flowering, easily cultivated greenhouse plants.

762	Sida. Finest varieties mixed25
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SOLANUM. NAT. ORD., *Solanaceæ*.

A genus of most beautiful ornamental fruit-bearing plants, some of them among the most interesting of greenhouse shrubs. Others are the most valuable of ornamental climbers. Half hardy.

763	Solanum Capsicastrum. Miniature orange-tree, covered with a profusion of scarlet fruit all winter; fine for parlor or conservatory . . . . .	.10
764	— Laciniatum Elegans. A beautiful shrub, producing a large quantity of blue flowers, with bunches of orange-colored fruit; fine . . . . .	.25
765	— Jasiminoides. Flower white, in clusters; fine. 30 feet . . . . .	.25
766	— Texanum. Waxy scarlet fruit, of great beauty; from Texas. 2 feet . . . . .	.10

STATICE. NAT. ORD., *Plumbaginaceæ*.

A magnificent genus of beautiful greenhouse and out-door plants, remarkable alike for variety of their foliage and the brilliancy and beauty of their flowers. The hardy kinds are splendid for rock-work and the flower-borders, while the half-hardy make fine conservatory plants. Half-hardy perennial.

767	Statici Bonduellii. Deep golden-yellow; from Levant. 1½ feet . . . . .	.10
768	— Formosa. Rose-color; fine. 1 foot . . . . .	.10
769	— Pseudo Armeria. Very ornamental and effective; rose-color. 2 feet . . . . .	.10
770	— Halfordii. A beautiful greenhouse variety. 2 feet . . . . .	.25

STEVIA. NAT. ORD., *Compositæ*.

Mexican perennials, with tufts of very pretty white or pinkish flowers, which should be grown in sandy peat; fine for pots or borders. Tender perennials.

771	Stevia Purpurea. Purple. 2 feet . . . . .	.05
772	— Serrata. White; the variety usually grown for cutting. 2 feet . . . . .	.10

SUTHERLANDIA. NAT. ORD., *Leguminosæ*.

An exceedingly beautiful little greenhouse shrub, with handsome *Clianthus*-like flowers; succeeds best in peat and loam.

773	Sutherlandia. Fine mixed25
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TOURNEFORTIA. NAT. ORD., *Boraginææ*.

A very pretty plant, flowers of which resemble the *Heliotrope*, but without its fragrance; fine either for pot or garden culture. Tender perennial.

774	Tournefortia Heliotropoides. Lilac; trailer; from Buenos Ayres. ½ foot10
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NO.

PRICE

VINCA. NAT. ORD., *Apocynaceæ*.

A genus of the most beautiful greenhouse plants; succeeding out of doors in warm, sheltered situations. Seed sown early in spring will bloom the same season.

775 Vinca. Fine mixed10

VICTORIA REGIA. NAT. ORD., *Nymphaceæ*.

One of the most beautiful of all the aquatic plants, which requires a house to its special use. To succeed in growing them from seed, keep the pot immersed in water until the seed vegetates, when it should be repotted in a large pot, and sunk in a pond or fountain about one foot below the surface of the water. From the River Amazon.

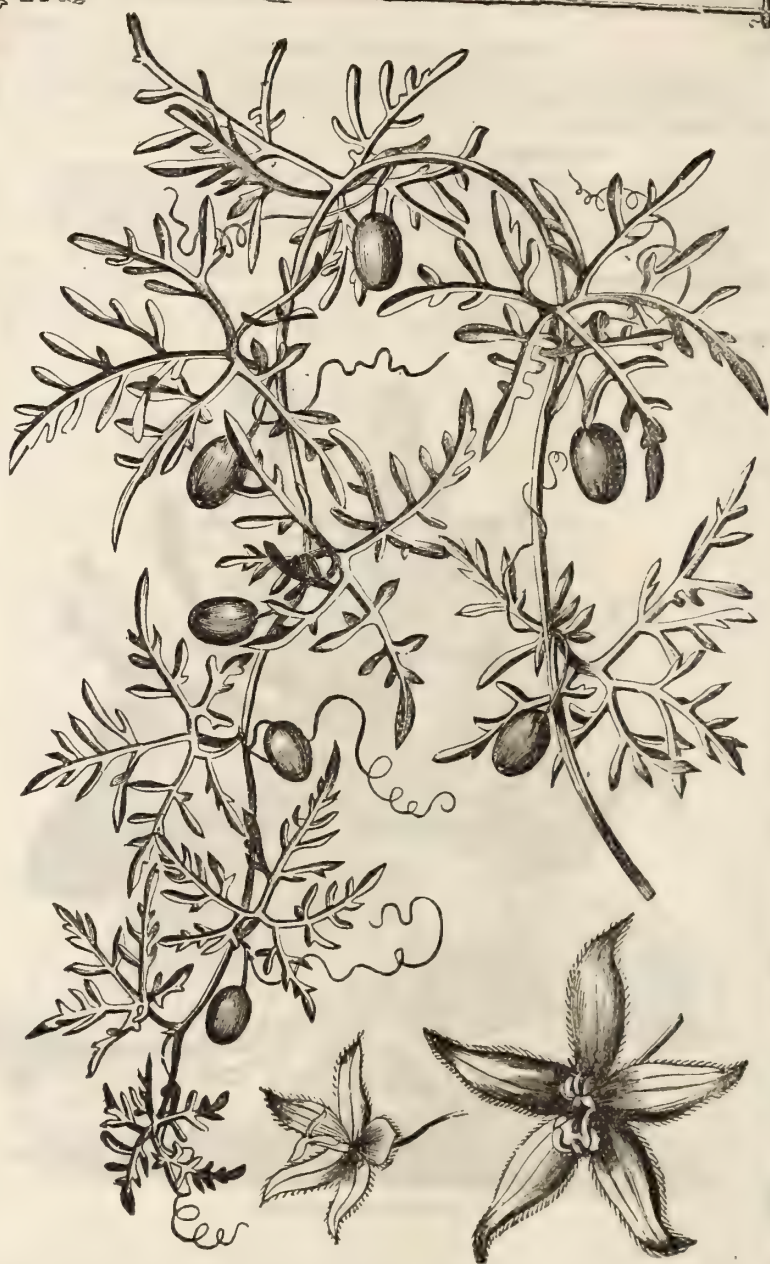
776 Victoria Regia. The most magnificent of all lilies. Per seed1.00

WIGANDIA. NAT. ORD., *Hydroleaceæ*.

777 Wigandia Caracasana. Greenhouse perennial25



WIGANDIA CARACASANA.



ABOBRA VIRIDIFLORA.

WASHBURN & COMPANY'S

NO.		PRICE
	cumber, and train against a wall or trellis, or in any way that may be desired. Cucumis Flexuosus, commonly known as the Snake Cucumber, is most singularly interesting in its fruit. Half-hardy annuals.	
784	Cucumis Acutangulus. Curious forms . . . . .	.10
785	— Flexuosus (Snake Cucumber). Very peculiar, growing three feet long . . . . .	.10
786	— Melochito. Variegated; brown and yellow . . . . .	.10
787	— Meduliferus. Scarlet and thorny . . . . .	.10
788	— Mixed. The above mixed . . . . .	.10

CYCLANTHERA. NAT. ORD.; *Cucurbitaceæ*.

Curious bird-shaped gourds, of a very ornamental character; rapid climbers; thrives in any rich soil in a warm situation. Very desirable for covering arbors, trellis-work, &c. Half-hardy annuals.

789	Cyclanthera Explodens. An elegant climber; as fast a grower as the Pedata, with handsome foliage, and pretty oval-shaped fruits, exploding with a loud noise when ripe . . . . .	.25
790	— Pedata. Graceful, slender-habited climbing-plants, with pendant branches of elegant balloon-like seed-pods; a novel plant, of easy culture. 15 feet . . . . .	.10

CYPRESS VINE (IPOMEA QUAMOCLIT). NAT. ORD., *Convolvulaceæ*.

791	Cypress Vine, Scarlet. A tender, climbing annual, with graceful foliage and scarlet flowers; seed should not be planted in open ground before the last of May or first of June. 15 feet . . . . .	.05
792	— White. Variety of the preceding . . . . .	.05
793	— Rosea. Rose-color . . . . .	.05

DOLICHOS (HYACINTH BEAN). NAT. ORD., *Leguminosæ*.

Beautiful climbing plants; flowers in clusters; treatment much the same as the common bean. Tender annuals.

794	Dolichos Lablab, Mixed. The finest varieties mixed . . . . .	.05
795	— Giganteus. A hardy ornamental climber; from the East Indies . . . . .	.10

GOURDS. NAT. ORD., *Cucurbitaceæ*.

The tribe of Gourds is known as producing some of the most curiously shaped of all fruits, and, being of extremely rapid growth, are very desirable for covering the trellis-work of arbors, &c.; the varied and fantastic forms of the fruit adding a peculiar charm to the luxuriance of the foliage. Tender annual.

796	Gourds, Bottle. A very useful variety . . . . .	.05
797	— Pear-shaped. Two-colored . . . . .	.05
798	— Apple-striped. Very ornamental . . . . .	.10
799	— Egg-shaped. Resembling an egg . . . . .	.10
800	— Hercules' Club. Club-shaped; curious . . . . .	.10
801	— Long-fruited. Some very fine ones . . . . .	.10
802	— Powder-horn . . . . .	.10
803	— Orange. In the form of an orange . . . . .	.10
804	— Mixed. The above mixed . . . . .	.10

IPOMEA (CONVOLVULUS). NAT. ORD., *Convolvulaceæ*.

A genus of beautiful climbing plants, which, for the adornment of the conservatory and greenhouse, or for warm sheltered situations out of doors, are pre-eminently beautiful, many of them combining marvellously brilliant colors with pure white margins, and varying in shade from the most intense violet-blue to the most delicate cerulean. The perennial species are invaluable for greenhouse decoration.

805	Ipomæa Bona Nox (<i>Good-night</i>). White; from West Indies. From 10 to 15 ft. . . . .	.10
806	— Coccinea (<i>Star Ipomæa</i>). Fine scarlet . . . . .	.05
807	— Burridge's (<i>Morning Glory</i>). With large, bright crimson flowers. 15 feet . . . . .	.05
808	— Dickson's. A splendid Morning Glory, with large blue flowers . . . . .	.05
809	— Hederacea Superba Grandiflora. A large sky-blue flower, elegantly bordered with pure white; exceedingly beautiful. 12 feet . . . . .	.25
810	— Limbata. Rosy-violet, elegantly blotched with white. 10 to 15 feet . . . . .	.10
811	— Elegantissima. One of the finest of all the Ipomæa; blue, with intense purple centre in the form of a star, with pure white margin10
812	— Purpurea (<i>Morning Glory</i>). Mixed05

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NO.		PRICE.
813	Ipomæa Rubro Cærulea. Produces a profusion of azure-blue flowers, which, in its maturity, is one of the most lovely objects imaginable. 10 to 15 feet	16
814	— Learii. Magnificent mazarine-blue. Greenhouse perennial. 12 feet	.25
815	— Tuberosa. Pale-yellow; from West Indies. Greenhouse perennial	.25
816	— Quamoclit. (See Cypress-Vine.)	.05
817	— Vulubilis Madame Anne. A very fine new variety, with variegated flowers, striped red on a white ground	.25
818	— Minima Spectabile. A pretty, hardy, annual species; with small, heart-shaped leaves and rosy flowers, remaining the whole day expanded	.10
819	— Coptica. A beautiful climber; deep-lanceolated leaves; flowers, handsome rose with white, standing well in bouquets	.25



THUNBERGIA ALATA (see page 79).



IPOMÆA VOLUBILIS (MADAME ANNE).

NEW IPOMÆAS, WITH SELF-COLORED FOLIAGE.

820	Ipomæa Hederacea Alba Grandiflora Intus Rosea. Handsome white flower, with dark-rose throat.	.25
821	— Alba Grandiflora Intus Rosea Semi-Plena. Of the same form and color as the foregoing; a semi-double one, which is seldom seen in this family.	.25
822	— Atrocarminea Grandiflora Azurea Marginata. With brilliant carmine flowers, edged with clear azure-blue	.25

NEW IPOMÆAS, WITH VARIEGATED FOLIAGE.

We attach much importance to this new section, and find them worthy of recommendation. We beg to state that we have tried them carefully, and found them to come true from seed.

823	— Grandiflora Alba Picta Carminea (with silver-marbled leaves). Heart-shaped leaves, largely marbled with silver-gray; flowers white, dotted with brilliant carmine	.25
824	— Alba Picta Lilacina (with golden-marbled leaves). Heart-shaped leaves, largely marbled with silver-gray; white flowers, spotted with lilac	.25

LOASA. NAT. ORD., Loasaceæ.

The Loasa are beautiful, tender, climbing annuals, suitable for covering a trellis or ornamental wire-work.

825	Loasa Aurantica. Orange-color. 6 feet	.10
826	— Herbertii. Scarlet. 6 feet	.10

LOPHOSPERMUM. NAT. ORD., Scrophulariaceæ.

An elegant and highly ornamental genus of climbers, with handsome and showy foxglove-like flowers; very effective for conservatory, greenhouse, or garden decoration, and may be used with advantage for hanging-baskets; will bloom the first season from seed. Half-hardy perennial.

NO.		PRICE
827	Lophospermum Coccineum. Red . . . . .	.25
828	— Hendersonii. Rose . . . . .	.25
829	— Scandens. Purple . . . . .	.10
830	— Mixed. The above varieties. . . . .	.25



LOPHOSPERMUM SCANDENS.



MAURANDYA BARCLAYANA.

MAURANDYA. NAT. ORD., *Scrophulariaceæ*.

The most graceful and free-flowering of soft-wooded climbers, whether for the ornamentation of the conservatory and greenhouse, or for pillars, trellis-work, and verandas in the flower-garden. The effect produced by the profusion of elegant and varied-colored flowers is strikingly beautiful. Blooms the first season from seed. Half-hardy perennial.

831	Maurandya Barclayana. Rich violet. 10 feet . . . . .	.10
832	— Alba. White. 10 feet . . . . .	.10
833	— Coccinea. Scarlet. 10 feet . . . . .	.10
834	— Sempervirens, Alba. White. 10 feet . . . . .	.10
835	— Rosea. Rose. 10 feet . . . . .	.10
836	— Mixed. Above mixed . . . . .	.10

MORNING GLORY. NAT. ORD., *Convolvulaceæ*.

837	Morning Glory, Mixed. The finest varieties. 20 feet05
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MOMORDICA. NAT. ORD., *Cucurbitaceæ*.

The Squirting Cucumber; an annual gourd-like plant, with woolly leaves and golden-yellow flowers, the fruit of which resembles a small cucumber, and, when ripe, bursts the moment it is touched, scattering its seeds, and the half-liquid pulpy matter in which they are contained, to a considerable distance. Half-hardy annual.

838	Momordica Balsamina (Balsam Apple). From East Indies. 10 feet . . . . .	.05
839	— Charanti (Balsam Pear). From East Indies. 10 feet . . . . .	.05

PASSION-FLOWER. NAT. ORD., *Passifloraceæ*.

A splendid class of climbers, with curious flowers produced in great profusion; fine for conservatory, or will answer for the garden; flowering freely during the autumn.

840	Passiflora. Fine mixed25
-----	---	-----

AMATEUR CULTIVATOR'S GUIDE.

NO.

PRICE.

PHASEOLUS (SCARLET-RUNNER BEANS). NAT. ORD., *Leguminosæ*.

This is a popular climbing annual, with spikes of showy scarlet flowers, and a variety with white flowers. They are extensively grown to cover arbors, walls, or to form screens, for which purpose they are admirably adapted on account of their vigorous and rapid growth. Hardy annuals.

- | | |
|--|-----|
| 841 Phaseolus Coccinea. Brilliant scarlet | .10 |
| 842 — Painted Lady. A beautiful variety | .10 |
| 843 — Alba. White | .10 |

SCOTANTHUS. NAT. ORD., *Leguminosæ*.

A beautiful fast-growing annual climber, with elegant foliage, covered with pure white flowers, imitating those of *Mandevillea*, and splendid oblong scarlet fruits.

- | | |
|---|-----|
| 844 Scotanthus Tubiflorus. A magnificent novelty | .25 |
|---|-----|

TACSONIA. NAT. ORD., *Passifloraceæ*.

This is a splendid "Passion-flower"-like conservatory climbing shrub; showing the unequalled vermilion tint of the *Genesera Cinnabarina*, each blossom being relieved by contrast with a circle or band of purple filaments in the centre.

- | | |
|---|-----|
| 845 Tacsonia Ignea. Orange-scarlet; fine | .50 |
|---|-----|

THUNBERGIA. NAT. ORD., *Acanthaceæ*.

Extremely ornamental climbers; much admired; very free bloomers; good for trellis, stems of trees, and in the greenhouse, or out of doors in summer in a warm situation. Tender annuals.

- | | |
|--|-----|
| 846 Thunbergia, Mixed | .10 |
|--|-----|



TROPEOLUM LOBELIANUM

TROPÆOLUM. NAT. ORD., *Tropæoleæ*.

The following varieties, as hybrids from *Tropæolum Lobbianum*, are unsurpassed by any collection ever offered. They are all of the easiest culture, and flower profusely the first year. Though not in all cases perpetuating their respective kinds true from seed, they nevertheless often produce still more beautiful ones.

In the greenhouse or conservatory they may be had in bloom the greater part of the year; and in favored situations in the open air, for edgings, covering trellis-work, or handles of rustic baskets, or trailing from vases, their elegance of form and brilliancy of color render them peculiarly valuable.

847	Tropæolum Lobbianum.	Orange. 4 feet . . . . .	.10
848	— Caroline Schmidt.	Deep scarlet. 6 feet . . . . .	.25
849	— Duc de Malakoff.	Straw color; edged rose, spotted with red. 6 ft. . . . .	.25
850	— Flamula Grandiflora.	Yellow, streaked with carmine. 6 feet . . . . .	.25
851	— Geant des Batailles.	Brilliant crimson. 6 feet . . . . .	.25
852	— Garibaldii.	Fine orange, shaded with scarlet. 6 feet. . . . .	.25
853	— Duc de Vicence.	Sulphur, with vermilion spots. 6 feet . . . . .	.25
854	— Monsieur Turucll.	Orange-yellow, striped with vermilion. 6 feet . . . . .	.25
855	— Monsieur Calmet.	Lemon, spotted with crimson; very beautiful . . . . .	.25
856	— Peraguanum.	Scarlet, with black spots; very fine. 6 feet . . . . .	.25
857	— Roi des Noirs.	Nearly black. 4 feet . . . . .	.25
858	— Victor Emmanuel.	Brilliant carmine and gold. 4 feet . . . . .	.25
859	— Zanderii.	Vivid scarlet; one of the strongest growing varieties. 4 ft. . . . .	.25
860	— Mixed.	Finest varieties . . . . .	.25
861	— King Theodore.	Bluish-green foliage, and novel blossoms of an intense black; forms a fine contrast with the scarlet . . . . .	.25
862	— Lobbi Crown Prince of Prussia.	A splendid acquisition of strong habit; flowers, brilliant scarlet; said to surpass all others . . . . .	.25
863	— Lilli Schmidt Crimson.	A bright crimson variety of the Lilli Schmidt . . . . .	.25

ORNAMENTAL GRASSES.

AGROSTIS. NAT. ORD., *Gramineæ*.

Rank high among the ornamental grasses from their delicate and graceful growth, and are very useful for winter bouquets. Hardy annuals.

864	Agrostis Effusus.	Fine; from Europe . . . . .	.10
865	— Nebulosa.	One of the most graceful and elegant; from Europe . . . . .	.10
866	— Plumosa.	Rare; from Europe . . . . .	.10

ANTHOXANTHUM. NAT. ORD., *Gramineæ*.

867	Anthoxanthum Gracile.	A very pretty ornamental grass. Hardy annual. ½ ft.10
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ANDROPOGON. NAT. ORD., *Gramineæ*.

868	Andropogon Argenteum.	A beautiful perennial grass, growing several feet high, with silver-green foliage25
869	— Formosum.	A new perennial grass, said to exceed in dimensions any ornamental grass at present in cultivation, and producing a majestic effect . . . . .	.25

ARUNDO. NAT. ORD., *Gramineæ*.

870	Arundo Donax Fol. Variegatis.	Ornamental reed-like plant, six feet high, with lance-shaped foliage of the deepest green, beautifully striped with white25
-----	--------------------------------------	---	-----

BRIZA (QUAKING-GRASS). NAT. ORD., *Gramineæ*.

A very useful ornamental grass, fine for dried bouquets. Hardy annual.

871	Briza Maxima.	Fine; from Cape of Good Hope05
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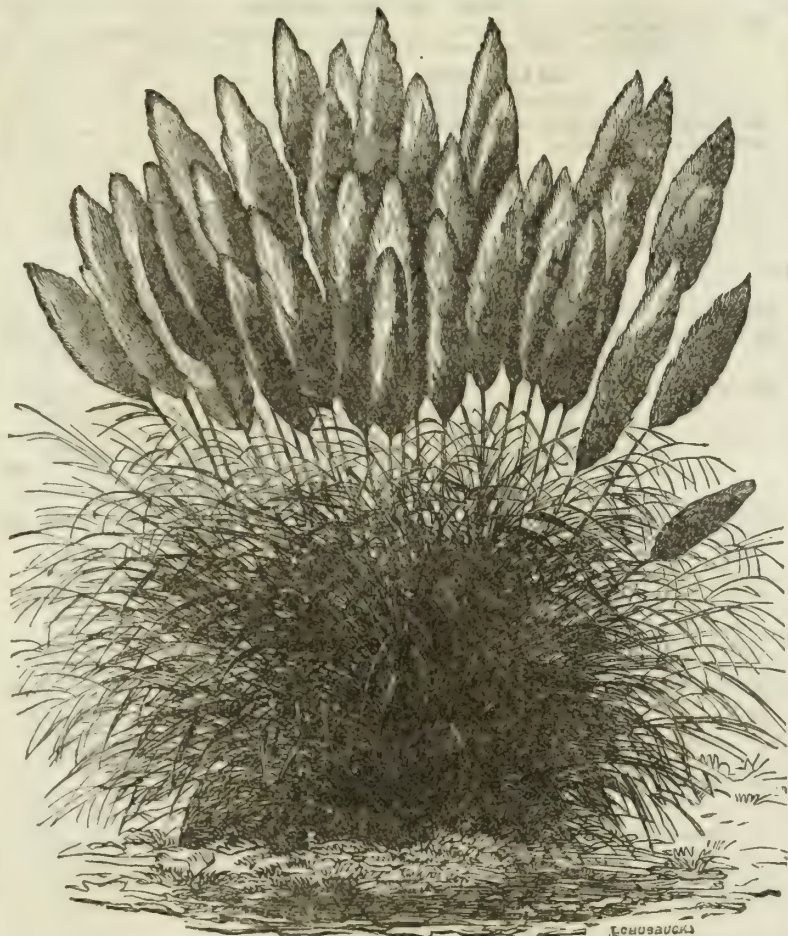
AMATEUR CULTIVATOR'S GUIDE.

NO.		PRICE.
872	Briza Gracilis (slender). From Cape of Good Hope05
873	— Compacta . Very compact-growing variety of the Quaking-Grass; and will be found very ornamental for winter decoration and for bouquets . . . . .	.25

BRYZOPYRUM. NAT. ORD., Gramineæ.

A very pretty dwarf variety of the ornamental grasses; good for dried bouquets.

874	Bryzopyrum Siculum . Distinct and beautiful; hardy annual. From N. Ame.	10
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CYPERIUM (PAMPAS GRASS).

BROMUS. NAT. ORD., Gramineæ.

875	Bromus Bryzoporoides . A very pretty variety of ornamental grass. Hardy annual10
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CHLORIS. NAT. ORD., Gramineæ.

Singularly elegant perennial grass, nine to twelve inches in height, with flower-scapes or stems, having slender flower-spikes or rachis radiating horizontally from

876 *Chloris Radiata*. From East India. 1 foot 10

Very pretty ornamental grass, suitable for dried bouquets. Hardy annual.

877 Chrysurus Aureus. From Levant. $\frac{1}{2}$ foot.05

878 **Coix Lachryma** (Job's Tears). A very curious ornamental grass, having seeds which have the appearance of large tears; from East Indies05

Ornamental grasses; suitable for winter bouquets.

879 *Eragrostis Elegans* (Love-grass). From South of Europe05

880 — <i>Cylindrifolia</i> .	From China05
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881 **Erianthus Ravennæ.** This is a bold-looking, reed-like grass, from four to six feet high, with a fine foliage, resembling much in appearance the Pampas grass; rare. Half-hardy perennial; from south of Europe. 25

Ornamental grasses ; light and graceful.

882	Eleusine Coracana.	From East Indies	10
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883 — Indicum. From East Indies10
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884 *Gynerium Argenteum*. This is, without exception, the most stately growing species of grass known. In stature it rivals the Bamboo, attaining, in its native plains (South America), from ten to fifteen feet in height. In northern latitudes, it should be protected in winter by removing to the cellar or cold frame. Half-hardy perennial See cut p. 79. 25

885 **Hordeum Jubatum.** A fine new ornamental grass10

A magnificent, hardy grass, quite recently introduced from Amoor, with graceful curved foliage, forming a fine bush about three feet high, throwing out numerous flower-spikes about five feet in height, bearing glittering silvery plumes of flowers; extremely pretty. The leaves are lively green, with a broad, silvery line down the middle; and the habit and bearing of the plant are quite as handsome as *Gynnerium*.

886 *Imperiata Sacchariflora* 25

A very curious genus of ornamental grasses; fine for dried bouquets; suitable for mixed borders. Hardy annual.

887 Oats Animated. Curious. 2 feet05
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Extremely neat, moss-like plants, of a beautiful, lively green, largely used as a substitute for grass on lawns, which they quickly cover, and require no further attention than rolling and keeping free from weeds; found to thrive best on stiff soil.

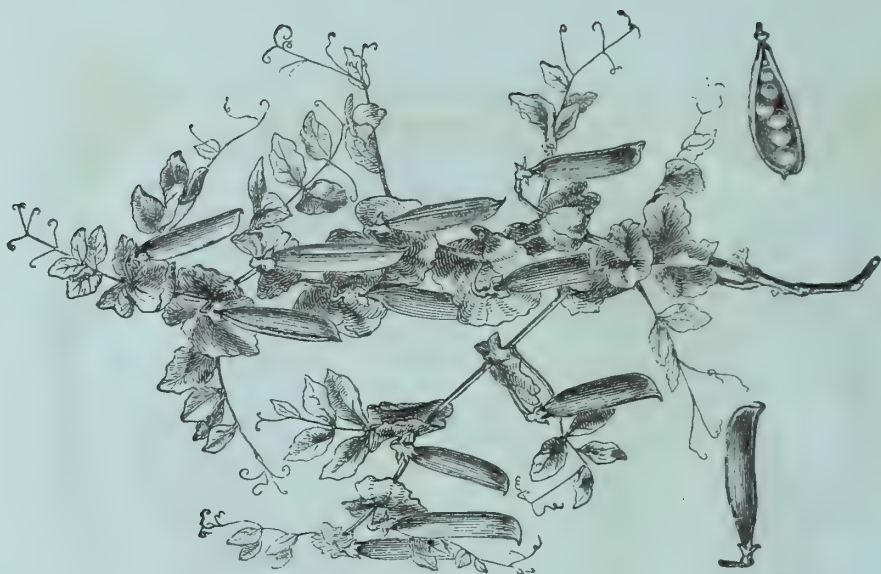
888 *Spergula Pilifera*. From Corsica. $\frac{1}{2}$ foot 10

889 **Stipa Gigantea.** Fine ornamental grass 10

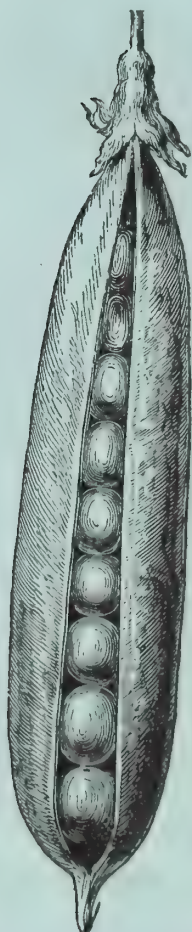
890 — Pennata (Feather Grass). Beautiful . . . . .	.15
	.05



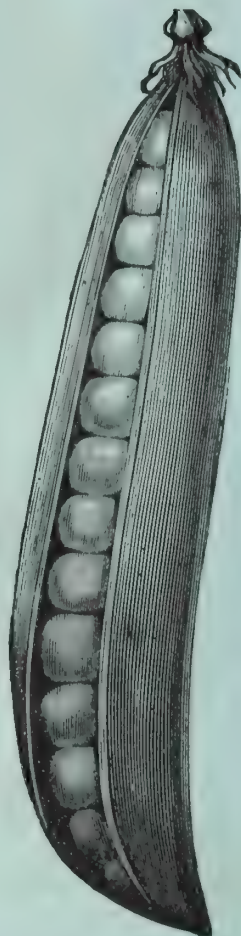
TOMATO.—The Conqueror.



CARTER'S FIRST CROP BLUE PEA. See page 119



HUNDREDFOLD, OR THE COOK'S FAVORITE PEA.
A grand exhibition pea. See page 119.



LAXTON'S SUPREME PEA.
See page 104.

EVERLASTING FLOWERS.

No.	ACROCLINIUM. NAT. ORD., <i>Compositæ</i> .	PRICE.
An elegant new annual from Swan River, producing beautiful everlasting flowers resembling the <i>Rhodanthe Manglesii</i> , but much larger; fine for winter bouquets, flowering in any garden soil. Hardy annuals.		
891	<i>Acroclinium Atrorseum</i> . Deep rose-color. 1 foot . . . . .	.10
892	— <i>Roseum</i> . Light rose. 1 foot . . . . .	.10
893	— <i>Album</i> . Pure white. 1 foot . . . . .	.10

AMMOBIUM. NAT. ORD., *Compositæ*.

A fine everlasting plant, valuable for making dried winter bouquets; pretty for the garden.

894	<i>Ammobium Alatum</i> . White; from New Holland. Hardy annual. 2 feet . .	.05
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CELOSIA AUREA PYRAMIDALIS (side-shoot).

CELOSIA. NAT. ORD., *Amarantaceæ*.

Magnificent, free-flowering, graceful-growing plants, producing in the greatest profusion spikes of the most beautiful feathery-looking flowers (*see engraving*,

WASHBURN & COMPANY'S

NO.		PRICE.
	which represents a side shoot of <i>Aurea Pyramidalis</i>). <i>Celosia Argentea</i> , however, produces its flowers in spikes, like a <i>Gomphrena</i> (<i>Globe Amaranthus</i>), but much longer; and, if gathered when young, they are valuable for winter bouquets. Grown in pots, they are the most elegant. Half-hardy annuals.	
895	<i>Celosia Argentea</i> . Silvery white, shaded with bright rose; very handsome. 3 ft.	.10
896	<i>Aurea Pyramidalis</i> . Magnificent golden-feathered plant. 3 feet	.25
897	<i>Coccinea Pyramidalis</i> . Crimson, same as the preceding, differing only in color. 3 feet	.25
898	<i>Pyramidalis Nana Aurantica</i> . Erect, from fifteen to eighteen inches; leaves oval, acuminate, bright green; trusses of flower-spikes pyramidal, of a brilliant buff yellow	.25
899	<i>Pyramidalis versicolor</i> . Oval acuminate leaves of red brown; all the spikes terminated by bright carmine trusses before opening, passing gradually to violet carmine. 3 feet	.25

COCKSCOMB. NAT. ORD., *Amarantaceæ*.

Highly ornamental, curious-looking flowers, for decoration of the flower-house, drawing-room and garden; all the varieties are remarkably attractive, producing a fine effect when grown in pots and mixed with other plants, either on the stage of a greenhouse, or planted in some warm situation out of doors. The following sorts have been saved from combs remarkable for their size and symmetry. Half-hardy annuals.

900	Cockscombs, Mixed Varieties	.05
901	Dwarf Crimson. Brilliant and large; from a prize collection. $\frac{1}{2}$ foot	.10
902	Yellow. Same as above, except color	.10
903	New Giant. Very large, brilliant-red rose; beautiful rose-dwarf. $\frac{1}{4}$ foot	.10

GLOBE AMARANTHUS. NAT. ORD., *Amarantaceæ*.

The Globes are well known, and much admired for their ornamental effect in the garden, and are highly prized for their heads of flowers, which, if gathered before they are too far advanced, will retain their beauty for several years. The seeds are rather slow to vegetate in the open ground, the orange in particular, which seldom starts without bottom heat. Tender annual.

904	Globe Amaranthus (<i>Gomphrena</i>). Crimson; fine; 2 feet	.05
905	Variegated. From India. 2 feet	.05
906	White. From India. 2 feet	.05
907	Orange (<i>Hovey's</i>). From New Mexico. 2 feet	.05

GNAPHALIUM. NAT. ORD., *Compositæ*.

Fine everlasting flowers, useful for making dry bouquets; will grow in any common garden-soil. Half-hardy annual.

908	Gnaphalium Fœtidum. Yellow. 2 feet	.10
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HELICHRYSUM (ETERNAL FLOWERS). NAT. ORD., *Compositæ*.

The Helichrysom are very ornamental in the garden, and much admired on account of the beauty of the flower when dried, which, if gathered when they first open, and carefully dried, will retain their form and color for years. They are highly prized for winter mantle-bouquets and ornaments for vases. Hardy annuals.

909	Helichrysom Atrosanguineum Nanum. Dwarf; deep-crimson. $1\frac{1}{2}$ feet	.25
910	Atrococcineum Nanum. Very dwarf; dark-scarlet; very fine. $1\frac{1}{2}$ ft.	.10
911	Borussorum Rex. New; white variety; very free-flowering	.25
912	Compositum Maximum. One of the finest of the class; flowers very double, and a large variety of colors mixed	.10
913	Finest Mixed. Including twelve sorts	.10

HELIPTERUM. NAT. ORD., *Compositæ*.

914	Helipterum Sanfordi. Pretty dwarf-tufted everlasting, with small neat foliage, and large globular clusters of bright golden-yellow flowers. It grows well in the open border, and the flowers are fine for winter bouquets	.10
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RHODANTHE. NAT. ORD., *Compositæ*.

Charming everlasting flowers, of great beauty, equally valuable for the decoration of the conservatory and flower-garden. Its neat, compact growth makes it a suitable plant for bedding or ribboning, while its bright-colored flowers, elegant style of growth, and profuse blooming, render it an object of universal admiration. The flowers, if gathered when young, make valuable winter bouquets. Succeeds best in a light rich soil, and a warm, sheltered situation. Half-hardy annuals.

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		PRICE
915	Rhodanthe Manglesii. Neat, unique, and beautiful; with numerous semi-double, daisy-like flowers, of rich rose-color, suffused with white, retaining their transparency and beauty. 1 foot	.10
916	— Maculata. Very robust, fine, glossy, heart-shaped foliage, of graceful bearing, with flowers from one and a half to two inches in diameter, of a bright, deep, rosy carmine, rendered more brilliant by a broad, velvety, blackish, purple-crimson belt, surrounding the bright-yellow disk. 2 ft.	.10
917	— Atrosanguinea. Dwarf; branching species, with longer and more pointed leaves than <i>R. Maculata</i> , with flowers of a purplish-crimson	.10
918	— Alba. Pure, silvery-white variety, of same size of flower as <i>R. Maculata</i> . One of the finest everlasting flowers introduced for a long time	.10



RHODANTHE MACULATA.

XERANTHEMUM. NAT. ORD., *Compositae*.

A fine everlasting flower, good for winter bouquets. Hardy annual.

919	Xeranthemum. Finest mixed	.10
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WAITZIA. NAT. ORD., *Compositae*.

Another fine annual Everlasting, of bushy, compact habit, growing about 1 foot high, and as much in diameter, each branch terminating in clusters of elegant flowers of a deep amaranth color, with small yellow disk. Also fine for pot-culture.

920	Waitzia Corymbosa	.25
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SPLENDID ASSORTMENTS OF FRENCH AND GERMAN FLOWER-SEEDS.

We invite the attention of our numerous customers to the following list of assortments of flower-seeds. They have all been selected expressly for us, by our special correspondents in France and Germany, from the various noted flower-seed growers, whose well-known reputation is a sure guaranty of their superior excellence, both as regards distinctness of color and freshness of seed. We have no hesitation in recommending them as equal, if not superior, to any to be obtained in Europe.

NO.	ASTERS.	PRICE.
921	Truffaut's Pæony Flowered. Sixteen splendid varieties; distinct colors .	\$1.50
922	Truffaut's Pæony Pyramid Flowered. Twelve varieties, beautiful colors .	1.25
923	———— Six varieties, of the most beautiful colors .	.75
924	———— Perfection. Twelve varieties, of the most beautiful colors .	1.50
925	———— Six splendid varieties of the most beautiful colors .	.75
926	Dwarf Large Flowering Pæony. Six varieties of the most beautiful colors	1.00
927	Truffaut's Imbrique Pompone. Ten varieties of the most beautiful colors .	1.00
928	Chrysanthemum-flowered. Twelve varieties of the most beautiful colors .	1.25
929	New Giant Emperor. Ten splendid varieties of the most beautiful colors .	1.50
930	New Cocardeau, or Crown-flowered. Six varieties of the most splendid colors	1.00
931	Globe-flowered Pyramidal. Twelve varieties, most beautiful colors .	1.00
932	Double-Globe Quilled. Twelve splendid varieties, of the most beautiful colors	1.00
933	Ranunculus-flowered. Eight superb varieties, of the most beautiful colors .	.75
934	Reid's Improved Quilled. Eight splendid varieties, of the most beautiful colors	1.00
935	Double Dwarf Aster. Twelve splendid varieties of the most beautiful colors .	.75
936	Double Dwarf Bouquet Pyramid. Twelve varieties most beautiful colors .	1.00
937	Boltze's New Miniature Bouquet Pyramid. Five most beautiful colors .	.75
938	New Rose-flowered. Twelve superb varieties, of the most beautiful colors .	1.50
939	Porcupine, or Hedgehog. Six superb varieties, of the most beautiful colors .	.75

BALSAMS.

940	Double Camellia-flowered Balsams. Ten of the most beautiful colors .	1.00
941	Double Dwarf Balsams. Ten splendid varieties of the most beautiful colors .	.75
942	Double Spotted Rose-flowered Balsams. Twelve most beautiful colors .	1.00
943	Improved Double Rose-flowered Balsams. Ten splendid varieties. Twenty-five seeds of each	1.25

GERMAN STOCKS.

944	Dwarf Early Flowering Ten-weeks. Twenty-four varieties	2.00
945	———— Twelve varieties, of the most beautiful colors	1.00
946	Large-flowered Improved Dwarf Ten-weeks Stock. Six splendid varieties, of the most beautiful colors . . . . .	.75
947	New Large-flowered Pyramidal Ten-weeks Stocks. Twelve splendid varieties, of the most beautiful colors	1.00
948	Dwarf Pyramidal Ten-weeks Stocks. Six varieties; most beautiful colors	1.00
949	Miniature, or Liliputian Ten-weeks Stocks. Six splendid varieties, of the most beautiful colors . . . . .	.75
950	Dwarf Bouquet Ten-weeks Stocks. Six varieties of the most beautiful colors .	.75
951	Giant, or Tree Ten-weeks Stock. Ten varieties, of the most beautiful colors	1.00

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NO.		PRICE.
952	New Early Autumn-flowering Stocks. Eight splendid varieties, of the most beautiful colors .	1.00
953	Giant Cape Stocks. Five splendid varieties, of the most beautiful colors .	.75
954	New Early Large-flowered Brompton Stocks. Eight beautiful varieties .	1.00
955	Emperor, or Perpetual Larkspur. Eight splendid varieties, beautiful colors .	1.00
956	New Hybrid. Hybrid between the Wall-flower and the rough leaves. Six splendid varieties of the most beautiful colors .	1.00
957	New Robust. A beautiful acquisition. Six varieties, most beautiful colors .	1.50

LARKSPURS.

958	Double Dwarf Rocket Larkspur. Twelve varieties, most beautiful colors .	.75
959	Double Tall Rocket Larkspur. Eight varieties, most beautiful colors .	.50
960	Double Branching Larkspur. Eight varieties, most beautiful colors .	.50
961	Double Hyacinth-flowered Larkspur. Ten varieties, most beautiful colors .	.75

VARIOUS COLLECTIONS.

962	Antirrhinum Majus (Snapdragon). Twelve varieties, most beautiful colors .	1.00
963	Antirrhinum Nanum. Six varieties; dwarf; most beautiful colors .	.75
964	Acacia. Twelve splendid varieties, of the most beautiful colors .	1.50
965	Canna. Twenty-five splendid varieties, of the most beautiful colors .	3.00
966	— Twelve splendid varieties, of the most beautiful colors .	1.50
967	Capsicum. Six splendid varieties, of the most beautiful colors .	1.00
968	Convolvulus Major. Ten splendid varieties, of the most beautiful colors .	.50
969	Coxcomb. Twelve splendid varieties, of the most beautiful colors .	1.00
970	Everlasting Flower. Twenty-four varieties .	1.50
971	Everlasting Flowers. Twelve splendid varieties, of the most beautiful colors .	1.00
972	Gladiolus. Six splendid varieties, of the most beautiful colors .	1.00
973	Gourds. Twenty-five splendid varieties, of the most beautiful colors .	1.50
974	— Twelve splendid varieties, of the most beautiful colors .	.75
975	Helichrysum. Eight splendid varieties, of the most beautiful colors .	.75
976	Hollyhock. Twelve splendid varieties, of the most beautiful colors .	1.50
977	Heartsease, or Pansies. Eight splendid varieties, of the most beautiful colors .	1.50
978	Petunia. Eight splendid varieties, of the most beautiful colors .	.75
979	Phlox, Drummondii. Twelve splendid varieties, of the most beautiful colors .	1.00
980	Poppies. Twelve splendid varieties of the most beautiful colors .	.75
981	Portulaca. Eight splendid varieties, of the most beautiful colors .	.50
982	— Double. Four splendid varieties, of the most beautiful colors .	1.00
983	Salpiglossis. Eight splendid varieties, of the most beautiful colors .	1.00
984	Sweet Peas. Eight splendid varieties, of the most beautiful colors .	.50
985	Scabiosa. Eight splendid varieties, of the most beautiful colors .	.50
986	Solanum. Twelve splendid varieties, of the most beautiful colors .	1.50
987	Ipomea. Half-hardy and tender. Twelve varieties, most beautiful colors .	1.00
988	Jacoea. Eight splendid varieties, of the most beautiful colors .	.50
989	— Dwarf. Eight splendid varieties, of the most beautiful colors .	1.00
990	Kennedya. Twelve splendid varieties, of the most beautiful colors .	2.00
991	— Six splendid varieties, of the most beautiful colors .	1.00
992	Marvel of Peru. Eight splendid varieties, of the most beautiful colors .	.50
993	Marygold, African and French. Eight splendid varieties, beautiful colors .	.50
994	Ornamental Grasses. Twenty-five splendid varieties, most beautiful colors .	1.25
995	— Twelve splendid varieties, of the most beautiful colors .	.75
996	Pentstemon. Six splendid varieties, of the most beautiful colors .	.75
997	Ornamental Fruits. Twelve splendid varieties, of the most beautiful sorts .	1.25
998	Ornithogalum Lobbianum. Twelve splendid varieties, of the most beautiful sorts .	1.50
999	Wallflower (from pot-plants). Ten varieties, of the most beautiful colors .	1.50
1,000	— Six splendid varieties, of the most beautiful colors .	1.00
1,001	Zinnia Elegans. Eight splendid varieties, of the most beautiful colors .	.75
1,002	— Finest Double. Eight splendid varieties, of the most beautiful colors .	1.00

THE

AMATEUR CULTIVATOR'S GUIDE

TO THE KITCHEN GARDEN.

"Great care is used to supply every article true to name and of good quality, but nothing is warranted."



LN again presenting our Catalogue of VEGETABLE SEEDS, we embrace the opportunity to add that our stock, as heretofore, has been selected with a view to secure only the freshest and most reliable seeds. Most of the staple seeds are raised expressly for us by experienced growers; and such as are imported are purchased from the most reliable seedsmen in Europe, with whom we have long dealt, and from whom we have received only such as we could with perfect confidence recommend. It is our invariable rule to test all our seeds ourselves, and never to send out anything but what we are certain will vegetate freely, and prove true to name. Nothing causes greater disappointment

than poor seeds; for not only is the season lost if they fail to grow, but an inferior crop will not pay for the trouble of planting. American-grown seeds always have our preference; but some kinds it is impossible to obtain in sufficient quantity to fill our orders, and those are obtained only from reliable dealers abroad.

Our prices are affixed by the ounce, quart, and packet; but no quantity is sold less than the ounce or quart at these prices: when less is ordered, they will be supplied in packets at that rate. All the kinds can be supplied by the pound or bushel at the lowest market rate for prime seeds.

Prices of seeds vary, to some extent, from the time of harvesting to the time of planting, and we do not feel bound by these prices unless orders are sent in early. We can only advise our customers to give their orders in good season to secure the most favorable terms.

ARTICHOKE (CYNARA SCOLYMUS).

German, *Artischoke*.—French, *Artichaut*.—Spanish, *Alcachofa*.

The Artichoke is a native of the south of Europe, and is principally cultivated in the gardens of the French, by whom it is considered more as a luxury than as a profitable esculent. The heads, in their immature state, and before their blue thistle-like flowers open, are cut, and boiled in salt and water. The edible part is merely the fleshy substance on the bottom of the scales, which, to make palatable, has to be dipped in a nicely prepared sauce of butter and spices. They are frequently eaten as salad in a raw state.

Culture.—The Artichoke may be grown from seed or offset suckers, separated early in spring. The best way to obtain a supply from seed is to sow the seeds in April in a bed of good rich earth, or it may be planted in drills one inch deep, and about twelve inches apart. It should be transplanted the following spring to a permanent place. Either in beds or drills, plants should stand two feet apart each way, requiring a deep, rich, moist loam; also should be protected with leaves or straw during winter.

Large Globe. A very large sort, most generally cultivated. Heads or buds very large, nearly round, and with a dusky-purplish tint. Per packet, 1050

Green, or Common. Heads large, of a conical form; scales deep green, thick, and fleshy; pointed at the tips, and turned outwards. Per packet, 1050

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ASPARAGUS (ASPARAGUS OFFICINALIS).

German, *Spargel*. — French, *Asperge*. — Spanish, *Esparrago*.

This universal vegetable is supposed to be a native of Great Britain, where it is found on the banks of sandy soil contiguous to the sea, growing luxuriantly under the salt breezes.

There are, it is said, several varieties of Asparagus; but the difference mainly arises from the nature of the soil.

Culture. — Sow the seed early in spring, one inch deep, and three or four inches apart, in rows one foot apart. When two years old, they may be transplanted into permanent beds, the plants placed a foot apart in each direction, and at least four inches beneath the surface.

To make it "Giant," be particular to select for the bed warm rich soil. Trench it at least eighteen inches deep, working in six inches or more depth of well-rotted manure. Every fall cover the bed with manure, and in spring dig it in lightly, care being taken not to disturb the roots.

Giant Purple top. Grows to a good size; excellent. Per pkt., 510

Conover's Colossal. A European variety, introduced several years since, which, by a careful selection of seeds from the most vigorous shoots, has been wonderfully improved both in size and quality, in point of which it surpasses all other varieties in cultivation. Per pkt., 5, per lb \$100.10

ENGLISH BEAN (FABA VULGARIS).

German, *Gartenbohne*. — French, *Fève de Marais*. — Spanish, *Haba*.

The following varieties are much grown in England, but find little favor in this country.

Culture. — Sow as early as the ground will admit, in rows two feet apart, and three inches apart in the rows. They will come sooner into bearing if the tops of the plants are pinched off as soon as they are in full bloom. Succeed best in a deep, strong, loamy soil.

By Mail, 15 cents a pint extra. per qt.

Early Mazagan. From Mazagan, on the coast of Africa, is one of the hardiest sorts now in cultivation. Stems from two to three feet high35

Broad Windsor. This familiar sort is much esteemed and extensively cultivated, remaining fit for use longer than any other variety. A sure bearer40

BEANS, Bush (PHASEOLUS VULGARIS).

German, *Bohne*. — French, *Haricot*. — Spanish, *Frijoleno*.

The plants of this class vary from a foot to two feet in height. They require no stake or pole for their support.

By Mail, 15 cents a pint extra. per qt.

Early Yellow Six Weeks. Excellent for string or shell; one of the earliest30

Early Turtle Soup. Much esteemed, when dry, for cooking.30



ASPARAGUS. CONOVER'S COLLOSSAL.

All Beans, 10 cents per pkt.

WASHBURN & COMPANY'S

	per qt.
Early Valentine. Long tender pod; an excellent string-bean . . . . .	.30
Early Mohawk. Early, productive, and very hardy . . . . .	.30
Early China. Red eye; one of the most productive . . . . .	.25
Early Marrowfat. White; an excellent shell-bean; valuable, when dry, for baking . . . . .	.25
Red Bush Cranberry. One of the best string-beans . . . . .	.40
Refugee, or Thousand to One. A favorite string with many; very productive . . . . .	.30
White Kidney, or Royal Dwarf. Late and productive . . . . .	.25
Dwarf Horticultural, or Zebra. Excellent, green or dry . . . . .	.40

BEANS, POLE (PHASEOLUS VULGARIS).

German, *Stanger Bohne*. — French, *Haricots a rames*. — Spanish, *Judias*.

As a class, these are less hardy than the dwarfs, and are not usually planted so early in the season. The common practice is to plant in hills three feet or three and a half apart, with a stake or pole to run upon. *By Mail, 15 cents a pint extra.*

	per qt.
London Horticultural, or Speckled Cranberry. May be used as a snap, or, when more advanced, shelled, as the Lima; very productive . . . . .	.40
Red Cranberry. This is one of the oldest and most familiar of garden beans; excellent as a string or snap bean . . . . .	.40
White Case Knife. Most prolific of the running varieties. As a shelled bean, it is of excellent quality in its green state, and, when ripe, farinaceous and well-flavored . . . . .	.40
Indian Chief, or Wax. One of the best varieties either for snaps or shelled; remarkable for its fine, tender, and richly-colored pods; very productive . . . . .	.40
Giant Wax. Recently introduced, and differing essentially from the old GERMAN WAX BEAN, being of a more robust growth and more productive. The pods are from six to nine inches in length, and from three-fourths to one inch in breadth; the beans, when ripe, are of a reddish color. The pods, when fit for use, are of a clear, waxy color, perfectly stringless, and, when cooked, are as tender as marrow, and truly delicious. Per pkt., 15 . . . . .	.60

BEANS, RUNNERS (PHASEOLUS MULTIFLORUS).

German, *Grosse Bunte Bohne*. — French, *Haricot d'Espagne*. — Spanish, *Judia Vastago de Espana*.

	per qt.
Scarlet Runner. A very prolific variety; fine for covering arbors, trained over pales, up the walls of cottages, which they enliven by the brightness of their blossoms, at the same time yielding a supply of wholesome and nutritious food . . . . .	.50
White Runners. A variety of the Scarlet Runner. As a shell-bean, either green or white, they are considered superior to the scarlet, and often seen in our markets under the name of Lima . . . . .	.50
Painted Lady. A sub-variety of the Scarlet Runner, with variegated flowers; the upper petals being scarlet, the lower white . . . . .	.60
Carter's Champion Runner. A gigantic variety of Scarlet Runners, having pods nearly double the size of the old variety; it is more robust in growth, and is an extraordinary cropper. Per pkt., .25.	

BEANS, LIMA (PHASEOLUS LUNATUS).

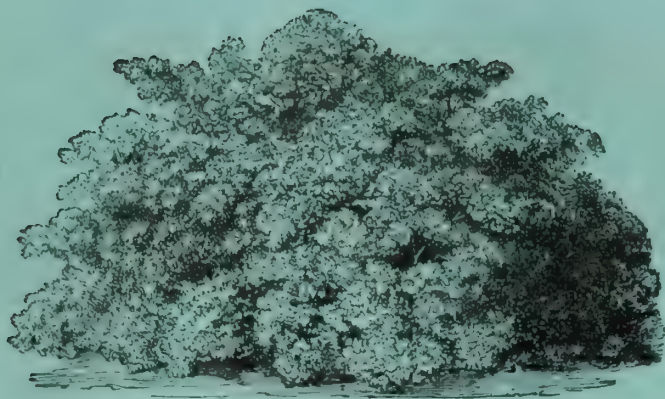
German, *Bohne von Lima*. — French, *Haricot de Lima*. — Spanish, *Habas Vastago de Lima*.

	per qt.
Large Lima. This is one of the latest, as well as the most tender, of all garden beans; the best time for planting being from the first to the middle of May. In planting, be sure to place the eye downwards . . . . .	.50
Small Lima, Carolina, Sewee, Sieva, or Saba. This is one of the most productive of all varieties. The beans, in their green or ripe state, are similar to the Lima, and are nearly as delicate and rich flavored. It is from two to three weeks earlier . . . . .	.50

BEET (BETA VULGARIS).

German, *Runkle Rube*. — French, *Betterave*. — Spanish, *Betaraga*.

Culture.—For early use, sowings are sometimes made in November; but the general practice is to sow the seed in April, as soon as the frost is out of the ground, or as soon as the soil can be worked. For use in autumn, the seed should be sown about the middle or



CHAMPION MOSS CURLED PARSLEY.

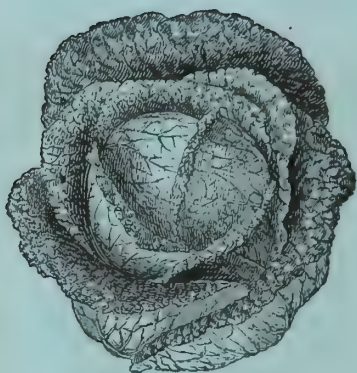
See Page 121.



SOOTY QUA CUCUMBER.

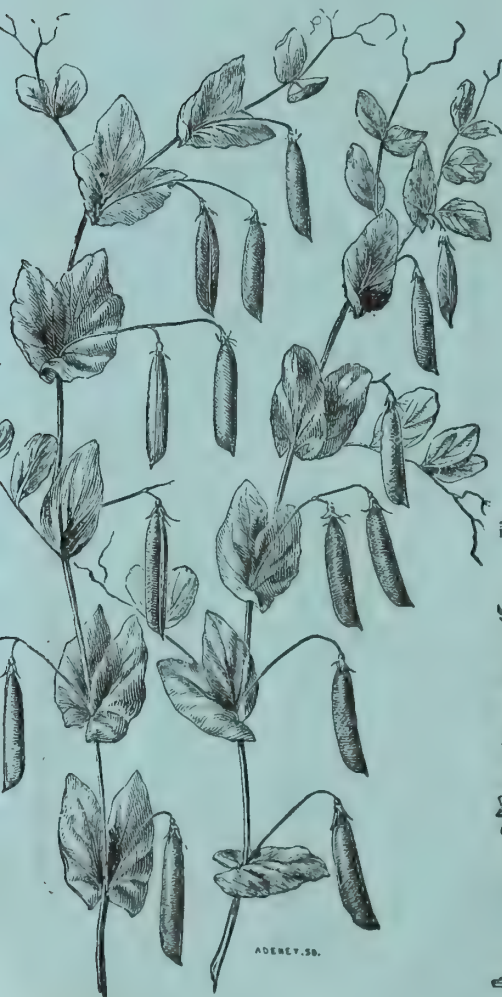
See page 117.

MARQUIS OF LORNE CUCUMBER. See page 117.



CARTER'S LITTLE PIXIE SAVOY CABBAGE.

See page 117.



ADAM ET. SC.

THE "KENTISH INVICTA PEA." See page 119.



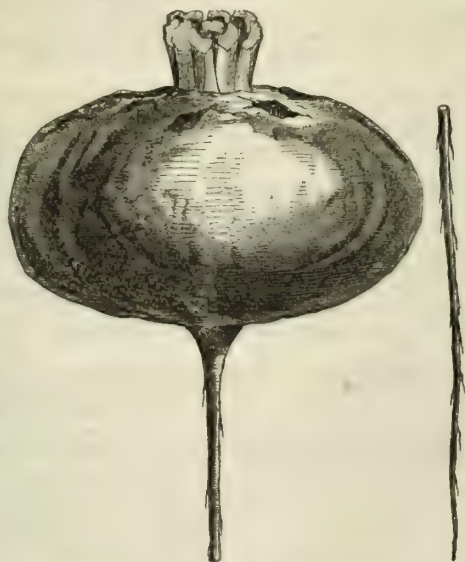
TOMATO, HOOP-TRAINING.



TOMATO, TRELLIS TRAINING.

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twentieth of May; and for the winter supply, from the first to the middle of June. Lay out the ground in beds five or six feet in width, and of a length proportionate to the supply required: spade or fork the soil deeply and thoroughly over; rake the surface smooth and even; and draw the drills across the beds fourteen inches apart, and about an inch and a half in depth. Sow the seeds thickly enough to secure a plant for every two or three inches, and cover to the depth of the drills. When they are two inches in height, they should be thinned to five or six inches apart.



EGYPTIAN BEET (one-third natural size).

- | | |
|---|----------------|
| Egyptian Turnip. This new variety was sent us for trial last season, and proved one of the finest. Very dark, early, good form, and fine flavor. One of the very best. Per pkt., .5 | per oz.
.20 |
| Early Flat Bassano. An Italian variety; seven to ten days earlier than the Early Turnip. Flesh white, circled or zoned with bright pink; very tender and juicy; not suited for winter use unless sown quite late. Per pkt., .5 | .10 |
| Simon's Early. An improvement on other early kinds; and is now superseding the Bassano, being quite as early, and of a blood-red color; smooth and turnip-shaped. Most valuable variety for the market. Per pkt., 10 | .20 |
| Early Turnip Blood. One of the best for general use. Flesh deep blood-red, sometimes circled and rayed with paler red: sweet and tender. Per pkt., 5 | .10 |
| Early Yellow Turnip, or Orange. A sub-variety of the Blood Turnip, differing in color. Flesh yellow, close grained, sweet, and tender. Per pkt., 5 | .15 |
| Long Smooth Dark Blood. An improved variety of the Long Blood. Flesh sweet, tender, and fine grained; fine winter beet if sown late. Per pkt., .5 | .10 |
| Henderson's Pineapple. Short top, medium size. Flesh very deep blood-red, fine grained, sweet, tender, and of excellent quality. Per pkt., 10 | .30 |
| White Sugar. A large variety, grown extensively for feeding stock, although the young roots are tender, sweet, and well flavored. Per pkt., .5 | .10 |
| Long Red Mangel Wurzel. A large variety, grown principally for feeding stock. When young, is sometimes used for the table. Flesh white, zoned and clouded with different shades of red; is hardy, and keeps well. Per pkt., .5 | .10 |
| Yellow Globe. Large, round, orange-colored variety; keeps better than the Long Red, and produces better crops on shallow ground. Per pkt., .5 | .10 |
| Carter's Champion Mangel. This improved variety of Orange Globe is superior to any other sort, and produces a greater weight per acre. Per lb., .75 | .10 |

Swiss Chard, or Silver. This variety is cultivated for its leaf-stalks, which are served up much like Asparagus, and for its leaves cooked as Spinach. If cut often, new stalks will be reproduced. Per pkt., .515

Perpetual Spinach. Leaves large, of good color; flavor superior to Spinach, for which it is used as a substitute. In use the whole season. Per pkt., .510

BORECOLE, or KALE (BRASSICA OLERACEA ACEPTALA).

German, *Blatter Kohl*. — French, *Chou vert*. — Spanish, *Breton*.

Borecole, German Greens, or Scotch Kale, is a very delicate vegetable. It is essential to its perfection that it be acted upon by the frost before it is cut for the kitchen. The part used are the tops or crown of the plant, with any of the side sprouts. It boils well, and is tender and sweet.

Culture. — The seeds are sown at the time of sowing the seeds of the Cabbage or Cauliflower, and in the same manner: early plants may be started in a hotbed, or the seed may be sown in the open ground in May. In transplanting, treat the plants same as young cabbages, setting them more or less remote, according to the size or habit of the variety. Requires a light, rich soil. per oz.

Abergeldie. A dwarf-curved Kale, of extreme beauty, good color, delicate mellow flavor, and as double as a fine curled Parsley. This is a valuable winter green, and will be found a very useful and handsome garnish. Per pkt., 2575

Dwarf Curled Kale, or German Greens. This is a hardy, low-growing variety; finely curled. A fine variety for winter and spring use when planted in a light cellar, or other protection from the severity of the weather. Per pkt., 515

Tall Green Curled. A fine hardy and productive variety. Per pkt., 1025

Cottager's Kale. It is exceedingly hardy, of excellent flavor, and very productive. Per pkt., 1020

Carter's Improved Garnishing. This will produce more than twenty varieties, some of which are worthy of a place in a greenhouse, being quite equal in color to the new Coleus. The colors vary from rich crimson to white laced and fringed. Per pkt., 1040

BRUSSELS SPROUTS (BRASSICA OLERACEA VAR.).

German, *Gruener Sprössen*. — French, *Chou de Bruxelles*.

Cultivated for the small heads, which are produced in great numbers on the main stem of the plant, and are in perfection in the autumn. They are very tender, and of fine flavor after early frosts. Sow in seed-beds in May; transplant and cultivate as directed for Cabbage.



BRUSSELS SPROUTS.

Own Saving. A new English variety, very fine. Per pkt., 520

The Albert Sprout. It comes in after the other varieties. The flavor, after cooking, is all that could be desired, — mild, mellow, and very fine. Per pkt., 1030

BROCCOLI (BRASSICA OLERACEA BOTRYTIS).

German, *Brocoli*, *Spargel-kohl*. — French, *Chou Brocoli*. — Spanish, *Brocoli*.

In its structure and general habit, the Broccoli resembles the Cauliflower. It is very hardy, and sure to head, but inferior in flavor.

Culture. — The seeds should be sown in hotbeds in April, or in open ground in May, in a very deep rich soil. Sow the seeds tolerably thick on the surface. Transplant in June or July, when the weather is moist, in rows two feet apart, and twenty inches in the row. When they have advanced in growth, draw some earth to their stems, which greatly promotes their luxuriance. per oz.

Early Purple Cape. This has a close compact head of a purple color. Hardy, and of excellent flavor. Per pkt., 1060

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	per oz.
White Cape. Later than the preceding; should be planted early in April. The heads, when perfected, are large and white, and compact. Per pkt., 1075
Chappell's Large Cream Colored. A very large and fine sort; flower cream-yellow; very early. Per pkt., 10 . . . . .	.60
Snow's Superb White Winter. A dwarf variety. The leaves are broad, with short stems; the heads are large, white, very compact. Per pkt., 25	1.50
Carter's Champion. Dwarf, compact-growing, large-headed; the best late variety in cultivation. Per pkt., 10	1.00
Carter's Summer. A new variety, with enormous, close, white heads, coming between the late Broccoli and the Cauliflower. Per pkt., 10	1.00



EARLY SCHWEINFURTH CABBAGE.

CABBAGE (BRASSICA OLERACEA CAPITATA).

German, *Kopfkohl*. — French, *Chou Pomme*. — Spanish, *Repollo*.

One of the most popular vegetables grown.

Culture.— The Cabbage can be cultivated by the most simple and easy means. It grows in most soils, and produces its beneficial heads nine months in the year. The ground must be rich, or made so by a good coat of manure, as they have strong, tapering roots. Digging or ploughing deep is very essential. For early use, sow in hotbeds in February or March; and for winter, the seeds may be sown in the open ground in May or June. When five or six inches high, transplant to from twelve to thirty inches apart.

Wintering Cabbages.— If you have not a dry, airy, vegetable cellar nor open shed to spare for burying them, take a sheltered part of the garden, and bury the roots, stalks, and part of the head, in the earth; over which, in severe weather, place a good sprinkling of straw, and a few boards. In southern latitudes, this is unnecessary.

Early Wyman. The best and most profitable early market-cabbage grown. It heads early, is of large size and first quality, and brings the highest price of any early cabbage brought into the Boston market, selling readily last season by the thousand, at \$18 per hundred. It took the first prize at the last and several previous exhibitions of the Mass. Hort. Soc. Per pkt., 10

per oz.

10

	Per oz.
Early Schweinfurth. A remarkable and valuable variety, both for earliness and large size; adapted chiefly for summer and autumn use. Per pkt., 10 . . .	.50
Early York. As an early market sort, one of the most popular. The head is of rather less than medium size, roundish-ovoid, close and well-formed; tender and well-flavored. Per pkt., 5 . . .	.20
Early Wakefield. (Jersey) similar in form to the Early York, and nearly as early; grows to a good size; a favorite with market-gardeners. Per pkt., 10 . . .	.75
Early Drumhead, or Battersea. This is a round flat-headed variety, of excellent quality; one of the latest among the early sorts. Per pkt., 10 . . .	.80
Early Queen. Very fine; medium size; quite early. Per pkt., 5 . . .	.35
Green Glazed. Heads large, rather loose. Its texture is coarse and hard; less liable to the attacks of the cabbage-worm than other sorts. Per pkt., 5 . . .	.40
Large York. A larger variety than the Early York, which it somewhat resembles. The head is broader, and more firm and solid. Per pkt., 5 . . .	.20
Large Late Drumhead. Heads large; round, sometimes flattened a little at the top; close and firm; very hardy, and keeps well for a winter cabbage. Per pkt., 10 . . .	.40
Large French Oxheart. A variety which is taking the place of many others. It is tender, forms its heads readily, and well-flavored. Per pkt., 10 . . .	.30
Little Pixie. A comparatively new variety; makes a small delicate-flavored head; one of the very earliest and best. Per pkt., 10 . . .	.40
Stone Mason Drumhead. Originated by Mr. Mason, of Marblehead, Mass. It is characterized for its sweetness and for its reliability for forming a solid head. It is also an excellent variety for northern latitudes. Per pkt., 10 . . .	.40



MARBLEHEAD MAMMOTH DRUMHEAD CABBAGE.

Marblehead Mammoth Drumhead. The largest Cabbage in the world.

This (the Mammoth) is, without doubt, the largest variety of the Cabbage family in the world, being the result of the extreme of high culture. In form this variety differs, the head being sometimes nearly hemispherical, at other times nearly flat. Under high culture it is compact and hard. Its size is indeed *mammoth*, ranging from that of a half-bushel measure up to that of a two-bushel basket, and even larger. They have been grown, and, when stripped of all waste leaves, could not be got into a two-bushel basket. Per pkt., 10 . . .

Foltler's Improved Brunswick. The Earliest, Shortest-stemmed, and very best Drumhead yet offered. The Boston market-gardeners all use it in preference to any other. Every plant produces a good head,—when fully grown weighing from twenty to thirty pounds,—and requiring only ordinary cultivation. The quality is excellent. Per pkt., 15 . . .	.75
Premium Flat Dutch. A low-growing variety; heads large, bluish-green, round, solid, broad and flat on the top, and often tinted with red and brown. As a winter variety, it has no superior. Per pkt., 10 . . .	.30
Red Dutch, or Pickling. This sort is used mostly for pickling, and often cut in shreds and served as a salad; medium size, oblong shape, and very solid, of a deep red or purple color. Per pkt., 1030

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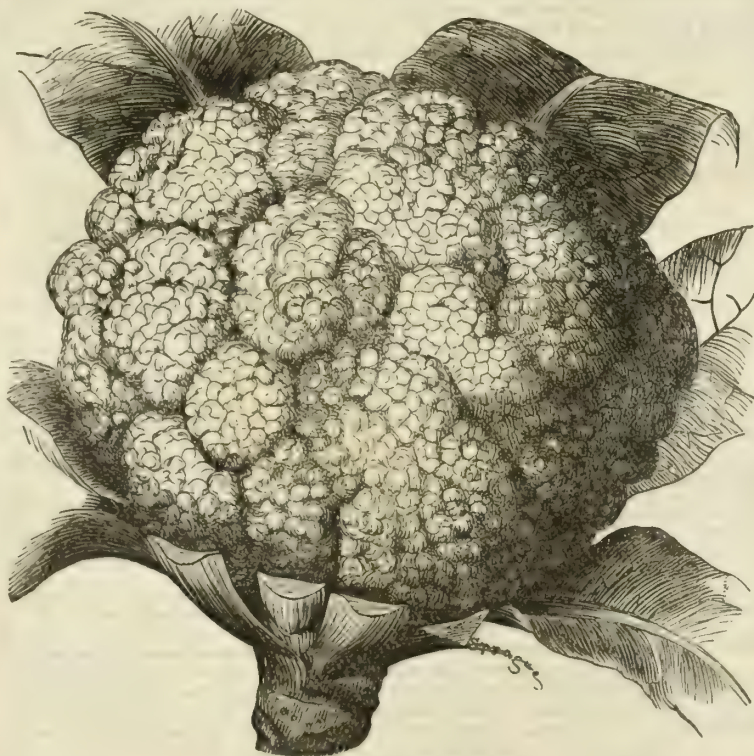
Winnigstadt. This is a German variety, somewhat similar to the Oxheart, but more regular; conical; heads very full and solid. All things considered, this is one of the best for general cultivation. Per pkt., 1030

SAVOY.

Drumhead Savoy. Head large, round, compact, yellowish at the centre, and a little flattened; excellent for winter. Per pkt., 1030

Green Globe, or Curled Savoy. One of the best and most familiar of the Savoys; medium size; very tender. Per pkt., 1030

Feather-Stem Savoy. A hybrid, possessing the growth and habit of Brussels Sprouts. A delicious vegetable. Treat as Brussels Sprouts. Per pkt., 1040



THE BOSTON-MARKET OR IMPROVED EARLY PARIS CAULIFLOWER.
(Used, by permission, from The American Journal of Horticulture.)

CAULIFLOWER (BRASSICA OLERACEA BOTRYTIS).

German, *Blumen Kohl*. — French, *Choufleur*. — Spanish, *Coliflor*.

This very delicate vegetable was first introduced into England from the Island of Cypress, and is classed among the most delicious of vegetables.

Culture. — The proper seasons for sowing seeds are, for the early spring or summer crop, between the eighth and twentieth of September; and for the late autumn crop, about the first of April. The plants, as soon as they are two or three inches high, should be planted out in a bed of rich light earth, three inches apart each way, so as to grow firm and stocky, to remove to their final place of growth. For the purpose of growing them to perfection, use a bed of the richest light earth, two feet deep, made very rich, with well-decom-

WASHBURN & COMPANY'S

posed manure, surrounded by a frame covered with glass or shutters. The frame should be surrounded with straw or litter of some kind; also the glass or shutters should be covered with mats or dry straw in severe weather, observing to give plenty of air on mild and pleasant days to prevent the plants from drawing or damping off at the neck; should be kept well watered: soap-suds is beneficial. For a late autumn crop they require no particular care or skill.

	per oz.
Early Paris. Heads rather large, white, and compact; leaves large, stalk short; a very early sort; should be planted in spring. Per pkt., .15	1.00
Carter's Dwarf Mammoth. A very early hardy variety, of dwarf and compact habit, with a firm white head; one of the finest. Per pkt., .15	1.00
Erfurt Earliest Dwarf. One of the best for early forcing and open ground; very dwarf, leaves small, heads large and very firm; pure white. Per pkt., .50	8.00
Erfurt Large Early White. An excellent variety, compact heads. Per pkt., .25	1.50
Walcheren. A very early variety, with close, compact head; a general favorite. Per pkt., .15	.75
Le Normand. A French variety; heads large, compact, and fine flavor; a superior variety in all respects. Per pkt., .15	1.00
Lemaitre. A fine variety; producing a large, firm head, very white, and of superior quality; much esteemed by the Paris gardeners. Per pkt., .25	
Boston Market. This is one of the finest varieties of this delicious vegetable grown, and is very popular with the market-gardeners about Boston, who find it particularly suited to this climate. It has been brought to its present state of perfection by a careful system of cultivation, and selection of specimens from which to grow seed. It is very early; produces uniformly large and fine solid flowers, or heads, of snowy whiteness and excellent flavor. Weight of specimens, seven and a half pounds; diameter, ten and a half inches; circumference, thirty-one inches; length of foliage, twenty-nine and a half inches. Per pkt., .25. (See cut.)	1.50

CARROT (DAUCUS CAROTA).

German, *Mohre*. — French, *Carotte*. — Spanish, *Zanahoria*.

The Carrot in its cultivated state is a half-hardy biennial. It is generally served at table boiled with meats; it also makes an excellent ingredient for soups. As an agricultural root, it is not surpassed for feeding cattle.

Culture. The Carrot flourishes best in a good, light, well-enriched loam. If possible, the ground should be stirred to the depth of twelve to fifteen inches, incorporated with a liberal application of well-rotted compost, and well pulverizing the soil in the operation. The surface should next be levelled, cleared as much as possible of stones and hard lumps of earth, and made mellow and friable; in which state, if the ground contains a sufficient moisture to color the surface when stirred, it will be ready for the seed. This may be sown from the first of April to the twentieth of May.

	per oz.
Earliest French Short Horn. A very early variety; small size, and of excellent flavor. Fine for forcing; one of the best. Per pkt., .10	.20
Early Horn. A very early variety, and as a table carrot is much esteemed on account of the smallness of its heart, and tenderness of its fibres. Per pkt., .5	.15
Orange Intermediate. Size medium; skin bright orange-red; flesh orange-yellow; well flavored, and, while young, excellent for the table. Per pkt., .5	.15
Improved Long Orange. A well-known standard sort. Roots long, thickest at or near the crown, and tapering regularly to a point; one of the best for table or field culture, and requires a very deep soil. Per pkt., .5	.15
Large White Belgian. Very large, and valuable for field-culture. Per pkt., .5	.10
Improved White Green-top Orthe. An improved variety of the White Belgian, with shorter and much larger roots; perfectly smooth, cylindrical, and tapering to a rather blunt point. It is easily pulled out, and yields very large crops. Per pkt., .5	.15

CELERY (APIUM GRAVEOLENS).

German, *Scleri*. — French, *Celeri*. — Spanish, *Apio*.

Celery is one of the most popular salads used in this country.

Culture. — The seed should be sown in hotbeds in March, or in the open ground the last of April or first of May; but, when sown in the open ground, it vegetates very slowly, often remaining in the ground several weeks before it comes up. A bushel or two of stable manure put in a hole in the ground, against a wall or any fence facing south, and covered with a rich fine mould three or four inches deep, will bring the seed up much sooner. Suf-

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ficient plants for any family may be started in a large flower-pot or two, placed in a sitting-room, giving them plenty of air and moisture. As soon as the young plants are about three inches high, prepare a small bed in the open ground, and make it rich and the earth fine. Here set out the plants for a temporary growth, placing them four inches apart. This should be done carefully; and they should be gently watered once, and protected for a day or two against the sun. Make the trenches a foot or fifteen inches deep, and a foot wide, and not less than five feet apart. At the bottom of the trench put some good, rich, but well-digested compost manure; for if too fresh, the celery will be rank and pipy, or hollow, and will not keep nearly as long or well. Dig this manure in well, making the earth fine and light; then take up the plants from the temporary bed, and set them out carefully in the bottom of the trenches, six or eight inches apart.

Blanching.—When the plants begin to grow, hoe on each side and between them with a small hoe. As they grow up, earth their stems; that is, put the earth up against the stems, but not too much at a time, and always when the plants are dry. Be particular and not allow the soil to get between the stems of the outside leaves and the inner one, as it is injurious to the plants. In frosty weather, they should be protected by covering the tops of the trenches well with dry litter; this should not be allowed to remain longer than is absolutely necessary: it is well to cover the whole with boards to shed the rain.

Boston Market. A favorite variety in the Boston market; remarkable for its tender, crisp, and succulent stems, and its peculiarly mild flavor. It is extensively cultivated by the market-gardeners around Boston, and surpasses any other variety for its great excellence. Per pkt., 10	per oz. .50
White Solid. Large, strong-growing variety; clear white, solid, and crisp. One of the best for market or general use. Per pkt., 10	.30
Hood's Dwarf Imperial. A stout-growing, very compact, solid, and hardy variety, of superior flavor and distinct habit. Per pkt., 25	.75
Sealey's Leviathan Celery. A very large, solid, white variety; highly recommended. Per pkt., 10	.35
Laing's Improved Mammoth Red. Considered the largest variety yet produced; specimens under good cultivation having attained the extraordinary weight of eight to ten pounds, and, at the same time, perfectly solid; bright red; flavor unsurpassed. Per pkt., 10	.35
Turner's Incomparable. Dwarf white, of stiff, close habit; solid, crisp and juicy. Keeps in good order later in the season than any other. Per pkt., 10	.40
Carter's Incomparable Dwarf Crimson. A new variety, highly recommended; dwarf habit; solid; of a deep crimson color. Per pkt., 10	.50
Celery Seed. For flavoring soups, &c. Per oz., 10. Per lb., \$1.00	.10

CHERVIL (SCANDIX CERIFOLIUM).

German, *Gartenkerbel*.—French, *Cerfeuil*.

Is a warm, mild, and aromatic plant. A native of Europe, and, in olden times, of great repute. After being boiled, it was eaten with oil and vinegar, and considered a panacea for courage, comfort to the heart, and strength to the body. It is much cultivated by the French and Dutch, who use the tender leaves in soups and salads as we use Parsley, and is considered by many to be a milder and more agreeable ingredient.

Culture. Chervil is an annual plant, and should be sown in March, April, and May, in drills about a quarter of an inch deep, and nine inches apart. Cover lightly, and press the soil firm with the foot; rake evenly, and give a gentle watering in dry weather. The leaves are fit for use when two to four inches high. Cut them off close; they will come up again, and may be gathered in succession throughout the season.

Chervil. Per pkt., 10	per oz. .25
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CORN, INDIAN (ZEA MAIS).

German, *Welschcorn*.—French, *Mais*.—Spanish, *Maiz*. per qt.

Adams's Early. Much grown for early use and the market; very early. Per pkt., 10	.25
Crosby's Early Twelve-Rowed. The earliest variety of twelve-rowed sweet corn brought into Boston market, full kernelled, sweet, and delicious. Received the premium of the Massachusetts Horticultural Society, as the best early corn. Cultivated almost exclusively by Boston market-gardeners	.30
Darling's Extra Early Sugar is early, very tender, and sugary; yields well, produces little fodder, ears near the ground; the best for early use. Per pkt., 10	.30

WASHBURN & COMPANY'S

Moore's Early Concord Sweet. Silver Medal Awarded. The following extract from the report of The Vegetable Committee of the Massachusetts Horticultural Society will give a full description:—

"The past year has not been so prolific of novelties in the way of vegetables as some of its predecessors. In this age of progress, when so many are engaged in striving to improve our garden-vegetables, it would seem strange indeed if, among them all, some real gain is not annually secured. Such a gain your committee feel confident the public will secure in 'MOORE'S' NEW SWEET CORN, which, after another season's trial, proves a decided acquisition.

"To Capt. J. B. MOORE, the well-known horticulturist of Concord, Mass., belongs the honor of originating this splendid variety. It is a cross between Crosby's early and Burr's improved,—the former the most popular *early*, and the latter the best *late* variety we have. After several years' of great care and labor, Mr. Moore has at last succeeded in bringing it to its present perfection. It was first crossed in 1865, and again in 1867. Stalks strong, stocky, and vigorous, growing from seven to seven and a half feet high; ears set rather low on the stalk, and having from twelve to sixteen, usually, and occasionally twenty, rows on the ear. Color, when fit for the table, very white and handsome. Quality superior, not surpassed by any other variety. Size of ears large, considerably larger than the Crosby; and superior to any other variety, either for the market or family use, and very productive. It also matures *earlier* than any other variety of equal size, which will make it a very desirable variety for the market-garden. The Society's Silver Medal was awarded Mr. Moore by your committee.

"CHARLES N. BRACKETT, *Chairman*."

Price per packet, 10 cents; per quart, 30 cents. Selected ears, 15 cents.

Red Cob Sweet. Medium; early; usually twelve, but sometimes fourteen rowed; quality good; cob red; kernels large. Per pkt., 10	per qt. .30
Burr's Improved Sweet. An improved variety of the twelve-rowed Sweet. The ears are from twelve to sixteen rowed, and, in good soils and seasons, often measure eight or ten inches in length, and nearly three inches in diameter; cob white; hardy, productive, tender, and sweet; the best for general use. Per pkt., 10 . . . . .	.30
Mammoth Sweet. A very large and late variety; cob white; fine flavored; one of the best. Per pkt., 10 . . . . .	.40
Stowell's Evergreen Sweet. This variety is intermediate in its season, and, if planted at the same time with the earlier kinds, will keep the table supplied till October. It is hardy and productive, very tender and sugary, remaining a long time in a fresh condition. Per pkt., 10 . . . . .	.35
Early Narragansett. The earliest of the sweet varieties. Comes to table in seventy-five days; ears of the best table size, with eight regular rows; delightfully tender, sweet, and of excellent quality. Per pkt. 10 cents . . . . .	.30
Nonpareil, or Pop-corn. A fine parching variety. Per pkt., 10 . . . . .	.35
Rice. Hardy and prolific; good for parching. Per pkt., 10 . . . . .	.50
King Philip, or Brown. Very productive, and is recommended as one of the best field sorts now in cultivation . . . . .	.25
Early Dutton, or Golden Sioux. One of the handsomest of the field varieties; productive, and of good quality . . . . .	.30

CORN SALAD, or FETTICUS (VALERIANA LOCUSTA).

German, *Lammersalat*. — French, *Mache*. — Spanish, *Canonigos*.

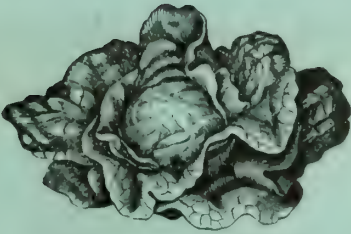
An annual plant, cultivated for its tender leaves, which are esteemed as a winter and early spring salad. The seed is sown in shallow drills, early in Sept. On approach of winter, cover the plants with straw. Per pkt., 5

Striped-Leaved. A striped-leaved variety; a novelty for the garden. Per pkt., 10

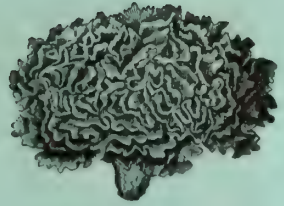
CRESS, or PEPPERGRASS (LEPIDIUM SATIVUM).

German, *Kresse*. — French, *Cresson*. — Spanish, *Mastruco*.

The leaves, while young, have a warm, pungent taste, and are eaten as a salad, either separately, or mixed with lettuce or other salad-plants. Per pkt., 5 cts.; per oz., 10 cts.



ROYAL SUMMER CABBAGE LETTUCE.
See Page 100.



BOSTON CURLED LETTUCE.
See Page 100.



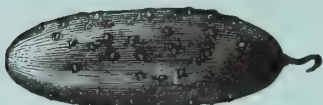
ROBINSON'S CHAMPION DRUMHEAD CABBAGE. The largest cabbage in cultivation. See page 117.



BOSTON MARKET MELON.
See Page 97.



EARLY CLUSTER. Page 97.



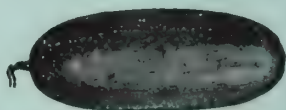
WHITE SPINED. Page 97.



ACME KALE. See Page 117.



GEN. GRANT CUCUMBER.
See Page 97.



EARLY FRAME. Page 97.

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Culture.—Sow rather thick in shallow drills, and at short intervals during the season. The Water-cress requires to be grown on the edge of a running stream or brook where it does not freeze too hard during the winter.

- Curled.** A well-known sort. Per pkt., 5 17 per oz. .10
Broad-Leaved. A coarse variety, with broad spatulate leaves; sometimes grown for feeding poultry; also used for soups. Per pkt., 5 10
Water. This is an aquatic plant, with small oval leaves and prostrate habit. The leaves are universally used and eaten as an early-spring salad. Per pkt. 10 .50

CUCUMBER (*CUCUMIS SATIVUS*).

German, *Gurke*. — French, *Concombre*. — Spanish, *Cohombro*.

Culture, in the open air, is of the simplest character. Merely dig out a hole about a foot wide and deep; fill it with rich sandy soil; raise it above the surface about six inches. The hills should be six feet apart each way. If the weather be warm, they will grow in a few days. If the nights are cold, protect them. There is frequently a little bug which preys upon the tender leaves; if so, soot and wood-ashes, sprinkled over them while wet with the dew, will retard the progress of the depredator. To have young fruit in February and March is rather a nice operation; but any one who can command a few loads of warm horse-manure can have them from April to October. That the amateur cultivator may have the article either for family use or for sale, a few hints may be in place on forcing cucumbers. Prepare a frame, following the instructions laid down in the first part of this work for hotbeds. After the beds are in order, put in a good quantity of good, light, rich loam, — none better than the surface of the woods. In two or three days, the earth will be sufficiently warm for sowing the seeds. If the plants are to be removed into other frames, sow them in pots; if not to be removed, sow them in a hill made in the centre of the bed by placing a barrowful of soil in it. Cover the sash at night with straw mats, or any similar protection, and surround the beds with litter or boards to protect it from the piercing winds. The seeds vegetate quickly, and soon grow into strong plants. During their growth, admit air every day at the back of the frame, giving as much light as possible to the young plants.

- Early Russian.** This variety resembles the Early Cluster; fruit from three to four inches long, an inch and a half in diameter; generally produced in pairs; flesh tender, crisp, and well-flavored; comes into use ten days in advance of the Early Cluster, and makes a fine small pickle. Per pkt., 5 20
Early Cluster. A very popular early Cucumber, producing its fruit in clusters near the root of the plant; tender, and well flavored. Per pkt., 5 15
Early Frame. One of the oldest of the garden sorts, justly styled a standard variety. Per pkt., 5 15
Early White Spine. One of the best table sorts, and greatly prized by market-men on account of its color, which never changes to yellow. The fruit is of full medium size, straight, and well-formed; skin deep green; prickles white; flesh white, tender, crispy, and of remarkably fine flavor; very productive, and good for forcing. Per pkt., 5 15
Long Green Prickly. This is a large-sized variety, and somewhat later than the White Spine; skin dark-green, changing to yellow as the fruit approaches to maturity; flesh white, somewhat seedy, but crisp, tender, and well-flavored; makes a good pickle if plucked while young. Per pkt., 5 20
Haage's White Cylindric. A new long white variety; very prolific bearer, and recommended as a most valuable acquisition. Per pkt., 25. 14
Long Green Smooth. Flesh greenish-white, firm, and crisp; flavor good. A German variety, twenty to twenty-four inches in length. Per pkt., 10 50
Stockwood Ridge. A very productive black-spined variety, having three to four fruit, twelve to eighteen inches long, at each joint; Per pkt., 10 50
White Giant of Arnstadt. A new and beautiful snow-white variety, growing twenty to twenty-four inches long. Per pkt., 25 14
West-India Gherkins. Used only for pickles. Per pkt., 15 50
English Gherkins. Fine for the table, or pickles. Per pkt., 10 50
Gegeral Grant. One of the newest and best varieties. It is perfect in form, solid, crisp, and most agreeable flavor; grows from twenty to thirty inches long; very hardy, and succeeds well in the open ground. It is a most desirable variety for exhibition, or for the table or forcing. Per pkt., 25. 14
Bedfordshire Surprise. One of the most popular English varieties: black spine; growing from sixteen to twenty inches long; fine form; good flavor, and very solid; succeeds well in the open ground. Per pkt., 15 50

English Frame or Forcing Varieties. Berkshire Champion; Carter's Champion, selected; Cuthill's Highland Mary; Carter's White Spine; Manchester Prize; Lynch's Star of the West; Lynch's Conqueror of the West; Star of the West; Sion House Improved; Sir Colin Campbell; Stilwell's Matchless; Weedon's Surprise; Kenyon's Favorite; Walker's Rambler; Napoleon III. Per pkt., .25.

DANDELION.

These two varieties will, we have no doubt, soon supersede everywhere the old one, which has become in the last ten years one of our best and most-asked-for winter and spring salads. Culture same as Spinach.

Large-leaved (<i>improved</i>). Improvement of the common Dandelion: its leaves are larger, erect, almost entire, or at least much less denticulated.	per oz.
	Per pkt., 20 1.00
Thick-leaved (<i>improved</i>). This is also an improved variety; its leaves are smaller and more denticulated, but more numerous than in the preceding variety; more thickly set	Per pkt., .20 1.00
Common variety.	Per pkt. .10 .40



PURPLE EGG-PLANT.

EGG-PLANT (SOLANUM MELONGENA).

German, *Cierpflanze*. — French, *Aubergine*. — Spanish, *Berengena*.

The Egg-Plant was introduced from Africa, and is sometimes called the Guinea Squash. It is not generally cultivated, but is coming more into use every year. They are cut into thin slices, and fried, when they have a taste similar to oysters; they are also used in stews and soups.

Culture. — Sow in hotbed very early in spring; transplant, when two inches high, into a second hotbed; if that is not done, thin to four inches apart. Do not plant out till the weather becomes settled and warm. Keep plants watered for a few days if hot when put out. Where hotbeds are not convenient, a few plants can be started in flower-pots or boxes, and when planted out must have a deep rich soil, and full exposure to the sun.

Early Long Purple. Earliest, hardy, and most productive.	Per pkt., 5	per oz.
		.40
New-York Improved Purple. One of the largest and best varieties. Oval shaped, of a dark purple color; fine flavored. Grown extensively.	Per pkt., .10	.60
Pekin, New Black. An entirely new and distinct kind, from China. The plant grows erect and handsome, attaining the height of two to three feet: with rich, dark, bronzy-purple foliage, very ornamental. The fruits are round, or globular, of a deep purple, almost black, weighing four to eight pounds each; skin, smooth and glossy. Exceedingly prolific, and as early as the long purple. The flesh is white, fine grained, and more delicate flavored than the old varieties.	Per pkt., 15.	1.00

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ENDIVE (*CHICORIUM ENDIVIA*).

German, *Endivien*. — French, *Chicorée*. — Spanish, *Endivia*.

The garden Endive is a native of Northern China, and has been cultivated in Europe the past three centuries for a winter salad. The French are particularly fond of it, using it raw, pickled, fried, and boiled, esteeming it exceedingly wholesome in every form.

Culture. — For the early crop, sow about the 1st of July. It will do on the ground where early Cabbages or Peas have come off, by giving it a coat of manure. Draw drills the depth of the hoe, one foot apart, and sow therein; sprinkle a little earth in the bottom of the drill, sufficient to cover the seed, which will be up in a few days. Thin them out, when about two inches high, to ten inches apart; hoe freely, and keep clear of weeds. Being grown in these shallow drills, they are more easily earthed up, and grow better in warm, dry weather. When the leaves have attained about eight inches long, they are fit for blanching; for this purpose a dry day must be chosen. Gather up the leaves in your hand, in a close and rounded form; see that there is no earth or litter in their centre. Tie them up with a piece of cotton twist or matting, which is to go several times round the plant, causing it to close at the top to prevent the rain from penetrating to and injuring its centre; then draw a little earth round its base for support.

Green Curled. Easily blanched; hardy, and well adapted for winter use. Per pkt., 10 per oz. 25

White Curled, or Ever-blanced. Leaves pale yellowish-green, nearly white when young; long, rather narrow; cut, and beautifully curled. Per pkt., 10 30

Fine Curled, or Moss. Very fine curled leaves, much resembling moss. Per pkt., 10 35

KOHL-RABBI, or TURNIP-ROOTED CABBAGE.

German, *Kohl-rabi*ber. — French, *Chou-rave*. — Spanish, *Col de nabo*.

The Kohl-Rabi is a vegetable intermediate between the Cabbage and the Turnip. The stem, just above the surface of the ground, swells into a round fleshy bulb, in form not unlike a turnip; on the top, and about the surface of this bulb, are put forth its leaves, which are similar to those of the Swedish Turnip. The part chiefly used is the turnip-looking bulb, formed by the swelling of the stem. This is dressed and eaten with sauce or with meat, as turnips usually are. While young, the flesh is tender and delicate, possessing the combined flavor of the Cabbage and Turnip.

Culture. Cultivated same as Cabbage; only that, in earthing up the plant, be careful not to cover the globular part. They should not be used before they have attained their full growth.

Early White Vienna. Above ground; early and fine. Per pkt., 10 per oz. 30

Early Purple Vienna. Above ground; similar to the preceding. Per pkt., 10 25

Late Purple Giant. Very large and tender variety, often weighing from seven to eight lbs.; new. Per pkt., 10 40

LEEK (*ALLIUM PORRUM*).

German, *Lauch*. — French, *Poireau*. — Spanish, *Puerro*.

This is a branch of the Onion family. — a native of the north of Europe; is very hardy, and, from its mild qualities, is preferred by many families to the Onion. History records it as having been cultivated many hundred years. The Welsh indulge in Leeks on their patron St. David's Day, in commemoration of a victory which they obtained over the Saxons, which they attributed to the Leeks they wore, by order of St. David, to distinguish them in battle.

Culture. — There is no part of the garden too rich for Leeks. They require the best ground, well worked, and manured the full depth of the spade. Sow the seed thinly on a small bed of light rich ground, in drills six inches apart and half an inch deep; rake it evenly, and give it a beat with the back of the spade. When they come up, they should stand an inch apart; if thicker, thin them out. When grown to about eight inches high, they will be of sufficient size to plant out in drills a foot apart, and as deep as the hoe will go. When ready, the plants are to be taken up from the seed bed. Shorten their roots to about an inch from the plant, and cut two inches or more from the extremity of the leaves. Dibble them in the drills eight inches apart, and as deep as the plant will admit of, not to cover the young leaves pushing from its centre. Hoe the ground frequently, to keep down weeds, and, as the plants are observed to grow, draw the soil around them. By good culture, they will be fit for use early in October. On the approach of severe frost lift sufficient for winter use, and store them away in earth or sand.

Large London is hardy, and of good quality. It is more generally cultivated in this country than any other variety. Per pkt., 10 per oz. 30

Broad Scotch, or Flag. Remarkably hardy, and well suited for open culture; large and strong-growing. Per pkt., 10 30

LETTUCE (*LACTUCA SATIVA*).

German, *Lattich*. — French, *Laitue*. — Spanish, *Lechuga*.

The Lettuce is generally divided into two classes: viz., Cabbage Lettuces and Cos Lettuces. The Cabbage have round heads and broad-spreading leaves; the Cos varieties have long heads, and upright, oblong leaves.

Culture. — A very rich soil is necessary to produce fine head Lettuce. Its crisp and tender quality depends very much on a luxuriant and vigorous growth. The earliest sowing may be made in February or March, under glass with slight heat. Keep the plants thin, and admit plenty of air to the frame every fine day. For later supplies, sow in the open ground as soon as the season will permit; transplant or thin out the plants gradually to a foot apart, and keep well cultivated.

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| Early-curled Silesia. Standard sort; very early; the best for forcing, and the first spring sowing; makes a loose head; excellent flavor. Per pkt., 5 | per oz. .15 |
| Early Tennisball. Most esteemed of the Cabbage Lettuce. The head is below medium size; dark-green; one of the earliest and best. Per pkt., 10 | .30 |
| Early Drumhead, or Malta. Head large, somewhat flattened, compact; green without, and white at the centre; crisp; fine summer variety. Per pkt., 5 | .20 |
| Boston Curled. One of the best for general cultivation. The elegant frilling of the leaves, and fine form, make it very attractive; flavor very fine. Per pkt., 10 | .30 |
| Large India. Heads large and compact, similar to the Curled Silesia; is less curled, and whiter; tinted with brown; heads crispy, and fine flavor. Per pkt., 10 | .40 |
| Wheeler's Tom Thumb. A new English variety; very dwarf and compact; excellent flavor; crisp and refreshing. Per pkt., 10 | .40 |
| Hammersmith Hardy Green. It is considered the hardiest sort in cultivation, and is one of the best for growing in winter or forcing. Per pkt., 5 | .30 |
| White Paris Cos. This variety is grown mostly by London and Paris market-gardeners; tender, brittle, and mild-flavored. Per pkt., 10 | .40 |
| Large-spotted, or Tigered. Tender variety, with spotted leaves. Per pkt., 10 | .40 |
| Blood-red. Very tender variety, with red leaves; new. Per pkt., 10 | .40 |
| Perpignan. A fine variety, forming large solid heads, with very crisp and tender leaves; new. Per pkt., 10 | .40 |
| Bossin. Said to be the best Cabbage Lettuce in cultivation; in shape, color, and quality, it resembles the Batavian Lettuce. Per pkt., 25. | |
| Carter's Giant Brown Cos. Very large, crisp, and fine-flavored, with large broad leaves well turned; is one of the best late sorts. Per pkt., 25. | |
| Dunnett's Giant Brown Cos. An English sort, similar to the preceding. Per packet, 25. | |
| All the Year Round. A hard, crisp-eating, and compact-growing Cabbage Lettuce, with small, close heads; deep green. If sown in succession, it will provide Lettuce "All the Year Round." Per pkt., 15. | 1.00 |



MARTYNIA.

MARTYNIA (*MARTYNIA PROBOSCIDIA*).

A hardy annual plant, with a strong branching stem two feet and a half high. The leaves are large, heart-shaped, entire, or undulated, downy, viscous, and emit a peculiar musk-like

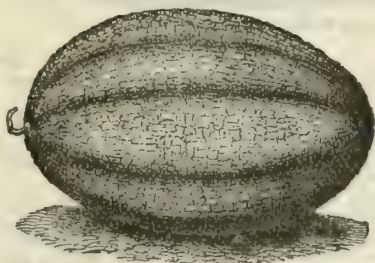
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odor when bruised or roughly handled. The young pods are the parts of the plants used. These are produced in great abundance, and should be gathered when about half grown, or while tender and succulent. After the hardening of the flesh, they are worthless. They are used for pickles, and by many are considered superior to the Cucumber, or any other vegetable employed for that purpose.

Culture. — The *Martynia* is of easy culture. As the plants are large and spreading, they should be two and a half feet apart in each direction. The seeds may be sown in April or May, in the open ground, where they are to remain; or the seeds may be sown earlier in a hotbed, and transplanted.

Martynia. Per pkt., 10

per oz.
.20



LARGE MUSK MELON.



CITRON WATER-MELON.

MELON, MUSK VARIETIES (*CUCUMIS MELO*).

German, *Melone*. — French, *Melon*. — Spanish, *Melon*.

The Melon, in some character, is to be found in all tropical countries: the finest varieties are supposed to have come from Persia and Afghanistan. The delicious flavor and perfume make it very popular in all countries where the climate will admit of its cultivation.

Culture. — Plant in hills six feet apart each way, eight or ten seeds in each, and thin out to three or four plants when in a state of forwardness. To grow good melons, the hills should be prepared by digging out the soil from one and a half to two feet deep, and two or three feet broad, according to the richness of the land. Add a very liberal quantity of the best decomposed stable-manure, and mix well with the soil, filling up a little above the level. Seeds should not be put into the hills until the weather becomes settled and warm.

- | | | |
|--|---|-----|
| Christiana. Form roundish; size rather small; flesh yellow, sweet, juicy, and of good quality; one of the best; very early. | Per pkt., 10 | .20 |
| Green Citron. Nearly round, flattened slightly at the ends; medium size; flesh green, quite thick, and of the richest and most sugary flavor. | Per pkt., 5 | .15 |
| Nutmeg. Fruit oval, good size, thickly netted; flesh light-green, rich, sweet, melting, and highly perfumed; one of the finest. | Per pkt., 5 | .15 |
| Pine Apple. Form roundish, inclining to oval; flesh green, melting, sweet, and perfumed; early and productive. | Per pkt., 5 | .20 |
| Skillman's Fine-netted. Resembles the Pine Apple; flesh green, sugary, and excellent; the earliest of all the green-fleshed varieties. | Per pkt., 5 | .20 |
| Persian. Long oval, skin thin and delicate; extremely tender, rich, and sweet, and flows with a cool juice, which renders them very grateful. | Per pkt., 10 | .30 |
| Large Yellow Cantelope. Oval; good-sized; skin yellow, marbled with green; flesh salmon-colored, sweet, highly perfumed, good flavor. | Per pkt., 5 | .15 |
| Large Musk. Long oval, deeply ribbed; flesh very thick, yellow, sweet, and juicy, with musky flavor; very early and productive. | Per pkt., 5 | .15 |
| New White Japan. Decidedly the sweetest thin-skinned of the Musk Melon; color of fruit cream-white; flesh thick. | Per pkt., 10 | .25 |
| Beechwood, Trentham Hall, Carter's Excelsior, and Scarlet Gem. AU | fine varieties for forcing. Per pkt., 25. | |

WATER-MELON (*CUCURBITA CITRULLUS*).

German, *Wassermelone*. — French, *Melon d' Eau*. — Spanish, *Sandia*.

The Water-melon is purely a tropical fruit, greatly appreciated for its refreshing coolness and delicious flavor.



MOUNTAIN-SWEET WATER-MELON.

- Culture.** Same as Musk varieties. per oz
- Mountain Sweet.** A large, long, oval variety; skin striped and marbled; flesh scarlet, solid to the centre; very sweet and delicious. Per pkt., 510
- Mountain Sprout, or Long Carolina.** Resembling the preceding. A favorite market sort. Very fine quality, and productive. Per pkt., 515
- Black Spanish.** Form oblong; size large; skin very dark or blackish green; flesh deep-red, fine-grained, very sugary, and productive. Per pkt., 515
- Ice-cream.** A very large pale-green sort; form nearly round; flesh white, very sweet, tender, and of remarkably fine flavor. Per pkt., 1020
- Orange.** Form oval, of medium size; flesh red, tender, sweet, and of good quality. When in its mature state, the rind separates readily from the flesh, in the manner of the peel from the flesh of an orange. Per pkt., 1030
- Citron.** Employed in making sweetmeats and preserves; form round, medium size; flesh white, very solid. (See engraving on p. 101.) Per pkt., 515
- Apple-pie Melon.** A new Japanese variety; an excellent substitute for apples, when stewed, and made into pies; keeps until May. Per pkt., 1020
- Apple-seeded.** A small, nearly round sort; derives its name from its peculiar seeds. Flesh red to the centre, sweet, tender, and well-flavored. Per pkt., 1040
- Persian Water.** Introduced by the celebrated Bayard Taylor, brought by him from the Caspian Sea. It is globular in form, of pale-green color, with dark stripes; flesh crimson, and remarkably firm texture, with only half an inch of rind; it can be taken off the vine to ripen, and will keep till winter. Very large size. Per pkt., .25.

MUSTARD (SINAPIS VAR).

German, *Seuf.* — French, *Moutard.* — Spanish, *Mostaza.*

Mustard-seed is too widely known and appreciated to need description. It is useful both in its natural state and manufactured, and is considered wholesome in all its various methods of preparation. It is very refreshing when in its green state, mixed with salads, and for that purpose alone is worthy of cultivation.

Culture. — This salad is cultivated in the same manner as recommended for Cress.

- White, or Yellow.** Very useful for salads; also for medicinal purposes. Per pkt., 5 per pint. .80
- Brown, or Black.** For culinary use. Per pkt., 530

OKRA, OR GOMBO (HIBISCUS ESCULENTUS).

German, *Essbarer Hibiscus.* — French, *Gombo.* — Spanish, *Quiombo.*

This plant is cultivated to some extent as a vegetable; served in the same manner as Asparagus. The green seed-pods are used in soups, and deemed a luxury. It is becoming very popular since its introduction to us from the West Indies.

Culture. The seeds are sown thinly, on dry, warm soil, in shallow drills two feet apart, about the same as the Lima Bean. Cover the seeds lightly. After the plants are up, thin them out to nine inches apart, hoe freely, and draw a little earth to the stems as they continue to grow. Gather the pods when quite green, and about an inch and a half long.

- Improved Long Green.** Pods long and ribbed. Per pkt., 5 per oz. .10

ONION (ALLIUM CEPA).

German, *Zwyebel.* — French, *Oignon.* — Spanish, *Cebolla.*

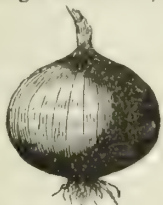
No vegetable is more extensively known and cultivated than the Onion. It has been the common seasoning for soups and meats of all nations from the earliest period to the present.

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Culture. The soil in general cannot be too rich for this vegetable; and, however good it may be, it requires more or less manure for every crop. Previous to sowing, the ground should be thoroughly spaded over, or deeply ploughed, and the surface made smooth and even. The seed should be sown as early in spring as the soil may be in good working condition. Sow in drills fourteen inches apart, and half an inch in depth. When the plants are three or four inches high, thin them out to two inches apart.

To grow Onions for pickling, sow the seed thinly in March or April. No further culture is required, except hand-weeding, as their thickness in the bed will prevent their growing large, and will cause them to come to maturity sooner.

	per oz.
Early Red. A sub-variety of the Large Red Wethersfield, and the earliest of the Red Onions. Very productive. Per pkt., 10 . . . . .	.25
Large Red Wethersfield. Large, skin deep purplish-red; flesh purplish-white; fine grained, and stronger flavored than that of the yellow and earlier red varieties. Productive, and one of the best to keep. Per pkt., 10 . . . . .	.20
Danvers Yellow. A fine variety; above the medium size; globular in form; skin yellowish-brown; flesh white, sugary, mild, and well-flavored. Very productive. Per pkt., 10 . . . . .	.25
Extra Fine, from selected onions; \$3.00 per lb. . . . .	.30
Yellow Dutch, or Silver-skin. One of the oldest varieties; flesh white, fine-grained, mild, sugary, and well-flavored. Per pkt., 10 . . . . .	.25
White Portugal, or Spanish. A very large, flat onion. Skin loose, of a mild flavor; fine for early winter use, but decays early. Per pkt., 10 . . . . .	.30
Red Sallon. Shape and size resembles the Madeira; color is of a darker red; it has a stronger onion flavor, and keeps better; fine variety. Per pkt., 25.	



YELLOW DANVERS ONION.



YELLOW DUTCH ONION.

PARSLEY (*APIUM PETROSELINUM*).

German, *Petersilie*. — French, *Persil*. — Spanish, *Perejil*.

The garden Parsley is a very useful and pleasant vegetable. Its seasoning flavor for soups and stews is very agreeable to many. It may be preserved by drying it till crisp, in summer; then rub it fine between the hands, and put in bottles for winter use.

Culture. Sow it in drills half an inch deep, early in April. When the plants are three or four inches high, thin them to six inches apart; to keep a young stock constantly for use, cut down about a third part at a time. Keep it only from severe frost. For this object, select a warm spot of ground, light and rich; sow it early in the season; cut them all over in September; surround the bed, early in November, with boards, and cover with mats or shutters; glass is much better, if it can be obtained.

	per oz.
Plain Parsley. The leaves of this sort are plain, or not curled; but it is better flavored than the curled for soups, &c. Per pkt., 5 . . . . .	.10
Curled, or Double. A fine dwarf variety, tender; beautifully crimped and curled. Fine for garnishing dishes for the table. Per pkt., 5 . . . . .	.15
Dickson Extra, or Triple-curled. A new and fine English variety. Per pkt., 10. . . . .	.25

PARSNIP (*PASTINACA SATIVA*).

German, *Pastinake*. — French, *Panais*. — Spanish, *Pastinaca*.

The Parsnip is a biennial plant, similar to the Onion, Turnip, and Carrot in duration. It is both wholesome and nourishing, and desirable for winter and spring use.

Culture. Same as Carrot. Scatter the seeds thinly, and cover evenly with the rake.

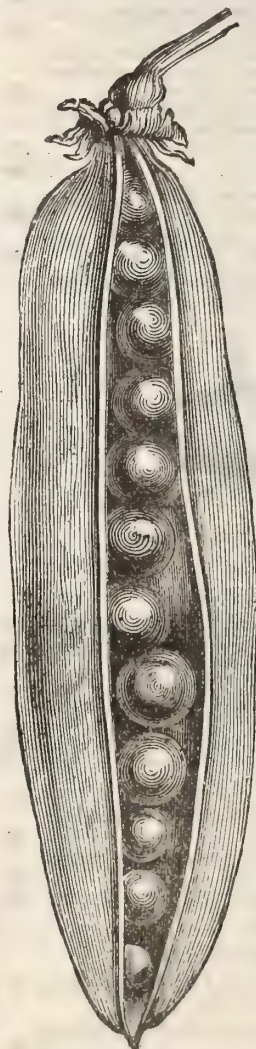
	per oz.
Long Smooth. Roots long, white, smooth, and regularly tapering to the end; free from side-roots. Very hardy, keeping through the winter where grown without any protection. Per pkt., 5 . . . . .	.10

Hollow Crown. Roots oblong, ending somewhat abruptly with a small tap-root; grows mostly below the surface. Best garden variety. Per pkt., 5 .10

PEAS (PISUM SATIVUM).

German, *Erbse*. — French, *Pois*. — Spanish, *Guizante*.

Culture. — Peas, for an early crop, should be sown as soon as the ground is in working condition. The soil for their reception should be light, dry, and well sheltered. Mild manure, such as leaf-mould, has a beneficial effect. For general crops, the ground should be well manured the previous year, which causes them to yield more abundantly. They are usually planted in double rows three or four feet apart, and covered to the depth of two and a half or three inches. The height of the Pea depends much upon the moisture and richness of the ground. The method of planting Peas in the hills with Potatoes of an early variety has been found successful. In dry weather, soak the Peas a few hours before planting. Pour water into the drills, when the ground is dry, before sowing the seed, which will cause them to grow at once, should the season continue dry. Peas ordered by mail are subject to an extra charge of fifteen cents per pint, for postage.



GAXTON LONG-POD PEA.

Laxton's Prolific Early Long Pod. Averaging eleven and twelve peas in a pod; and they were pronounced by several eminent members of the London seed-trade to be an exceedingly fine variety. For a second early pea, there is no pea of a similar class in cultivation to equal it; and we feel every confidence that it will be in general cultivation in a very few years. The same habit and character as Dixon's Favorite, excepting that the pods are nearly double the size. .40

Laxton's Supreme. A variety raised from Laxton's Prolific crossed with Little Gem. The plant grows about 3½ feet in height, and is quite as early as Daniel O'Rourke, a great advantage in a Pea of such high-class quality.

The editor of "The Gardener's Chronicle" says it is "a grand Pea, the sample sent exhibited remarkably fine large full pods." The Royal Horticultural Society of England describe this as "a grand Pea, a Green Marrow of excellent quality, with very long well-filled curved pods." Per pkt., 15 .40

Imperial Wonder Pea. A fine large wrinkled variety; habit resembling Veitch's Perfection, but coming in three weeks later. Per pkt., 25 .75

Early Dan O'Rourke (Pure). One of the earliest in cultivation; pods well filled; of good size and quality; of the finest flavor; three feet high. .30

Carter's First Crop, or Sutton's Ringleader. It has proved to be the earliest Pea grown; also very prolific; height 2½ ft. .40

Early Dillestone. This is undoubtedly one of the earliest Peas known; seven or eight days earlier than the Dan O'Rourke; fine flavor; good size, and one of the best. .50

Drew's New Dwarf. Remarkable for its dwarf and branching growth, forming a bush one foot high, and one foot broad; consequently, only about one plant to each foot of row is required. It is medium in earliness, and extremely productive per pkt., 15. 1.00

Peas per pkt., 10 cents, except those quoted higher.



CELERY. — BOSTON MARKET.
See Page 35.



BUNNEY'S INCOMPARABLE HARDY GREEN
COS LETTUCE. See Page 117.



MOORE'S EARLY CONCORD SWEET CORN. See page 96.



SMILAX. See Page 127.



SANDRINGHAM DWARF WHITE CELERY.

The variety grown for the use of H. R. H. the Prince of Wales.
See page 117.



CARTER'S
SALAD

PERFECTION
BEET



WOOD'S FRAME RADISH.
See page 120.



SCARLET



LONDON PARTICULAR SCARLET
SHORT-TOP RADISH
See page 120.

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	Per qt.
McLean's Little Gem. A dwarf, prolific, green wrinkled Marrow; habit similar to Beck's Gem or Tom Thumb, and is a first early; height one foot40
McLean's Advancer. A dwarf green wrinkled Marrow; fine flavor; long pods, well filled; prolific; nearly as early as the Dan O'Rourke . . .	.40
McLean's Princess Royal. A very prolific, long-podded, early variety, of fine sugary flavor; one foot high; pods large, well filled; very productive . . .	.30
McLean's Prolific. A dwarf early variety, coming in after the Dan O'Rourke; white wrinkled, with the Marrow flavor . . .	.50
McLean's Epicureans. A second early wrinkled Marrow, of delicious flavor; fine large peas, in well-filled pods, and plenty of them . . .	.50
McLean's Wonderful. The best dwarf late Pea in cultivation; large, well-filled pods, fine, sugary flavor, and great productiveness. 2 feet . . .	.50
Caractacus. A valuable early variety . . .	.40
Tom Thumb (Beck's Gem). Of remarkably low growth, seldom exceeding nine inches; stout and branching; pods about two and a half inches in length, containing five or six peas, of a creamy yellow; fine flavor; productive . . .	.40
Alliance, or Eugenie. Pods single or in pairs, three inches long, containing five or six peas. When ripe, the peas are of medium size, cream-colored, and much shrivelled and indented . . .	.40
Champion of England. A standard sort, considered by all to be the best grown for general crop; of delicious flavor; very productive. 3 to 4 feet . . .	.30
Champion of Scotland. This we consider one of the best for main crop; of rich, buttery flavor; very productive, and of large size . . .	.50
Blue Imperial. This is considered by many as a standard sort; very hardy, and yields abundantly; of good quality and size . . .	.30
Black Eye Marrowfat. An excellent variety, growing about three feet high; pods large and full; a prolific bearer, and can be recommended as one of the best of the Marrowfat varieties . . .	.25
Victoria Marrowfat. A fine late variety; sweet, and of rich Marrowfat flavor; very prolific; 3 to 5 feet . . .	.50
Dwarf Marrowfat. A very early sort, with large full pods; rich flavor; very productive. 2 feet . . .	.30
Veitch's Perfection. A new variety, of superior flavor and sweetness; large pod, and a great bearer; one of the best. 3 feet . . .	.50
Sugar Pea. Eatable pods or string-pea. 3 feet . . .	.60
Dwarf Waterloo, Late Branching Marrow. A dwarf variety of tall Royal Victoria or Waterloo Marrow; of Tom-Thumb habit; height, fifteen inches; the most valuable dwarf Pea for general and late cropping ever offered; good flavor, and productive . . .	.50
Dickson's First and Best. A new English variety, remarkably productive, and recommended as one of the very earliest peas in England . . .	.75

PEPPER (CAPSICUM).

German, *Pfeffer*. — French, *Piment*. — Spanish, *Pimiento*.

Capsicum, or Pepper, is a tender annual, much esteemed for its seasoning qualities. It imparts vitality and promotes digestion. It is extensively used for pickling.

Culture. — The plants are always propagated from seed. Sow in a hotbed, early in April, in shallow drills six inches apart, and transplant to the open ground when summer weather has commenced. The plants should be set in warm mellow soil, in rows sixteen inches apart, and about the same distance apart in the rows. When all danger from frost is past, and the soil is warm and settled, sow the seeds in the open ground, in drills three-fourths of an inch deep, and fourteen inches apart; and, while growing, thin out the plants to ten inches apart in the rows.

	per oz.
Cayenne. The pods of this variety are quite small, cone-shaped, coral red when ripe, intensely acrid, and furnish the cayenne pepper of commerce. Per pkt., 10 . . .	.50
Cherry. The pods or fruit erect, nearly globular or cherry form; of a deep rich, glossy, scarlet color, remarkable for its intense piquancy. Per pkt., 10 . . .	.40
Squash. Fruit compressed, more or less ribbed; skin smooth and glossy; flesh thick, mild and pleasant to the taste; the best for pickling alone. Per pkt., 10 . . .	.50
Sweet Mountain, or Mammoth. Similar to the preceding in form and color, but much larger; fine for pickling. Per pkt., 10 . . .	.50
Sweet Spanish. Though one of the largest, it is also one of the earliest; flesh sweet, mild, and pleasant; used for salads and pickling. Per pkt., 10 . . .	.40

- Long Red Arabian.** Very pretty; fruits upright, smaller than the ancient varieties; produced in greater quantity, and more pleasing shape. Per pkt., 10 . . . 40
- Monstrosus, or Grossum.** A new, remarkably fine variety, growing to very large size; highly recommended for stuffing. Per pkt., 10 . . . 50

PUMPKIN (CUCURBITA PEPO).

German, *Kurbis*. — French, *Courge*. — Spanish, *Calabaza*.

We cannot think of admitting this vegetable into the precincts of a garden where there are Cucumbers, Melons, and others of similar class. It would mix with and contaminate the quality of the more valuable sorts; besides, they would occupy more space than most could allow, as many of the varieties attain enormous size.

Culture. Same as Squash.

- Cheese, Medium-sized.** One of the best for cooking purposes. Per pkt., 5 . . . 10
- Large Yellow.** Grows to a large size; better adapted for feeding purposes than for cooking. Per pkt., 5. Per lb., 50 . . . 10
- Mammoth.** A very large, coarse-growing variety. Per pkt., 10 . . . 40

RADISH (RHAPHANUS SATIVUS).

German, *Rettig Radies*. — French, *Radis, Rave, Petite Rave*. — Spanish, *Rabano*.

The Radish is a hardy annual plant, much esteemed for its grateful relish, and is extensively cultivated for its roots. Its excellence consists in being succulent, mild, crisp, and tender; and the roots should be eaten before they are overgrown, which makes them tough. The seed-pods are excellent for pickling if gathered while young and green.

Culture. For early crops, sow in spring, as soon as the ground can be worked, in light rich soil; for later crops, a deep, moist soil is preferable. Sow the seed thinly in drills, covering them with about a quarter of an inch of earth. For early use, sow on gentle hotbeds.

- Early Short-top Long Scarlet.** Roots long, growing partly out of the ground, of a beautiful deep pink color; flesh white, transparent, crisp, and of good flavor. Standard sort for marketing or private use. Per pkt., 5 . . . 10
- Scarlet Turnip.** A very early variety, deserving cultivation on account of its rich color, crisp and tender qualities; should be used while young. Per pkt., 5 . . . 10
- White Turnip.** Bulb similar to the preceding. Skin white; flesh white and semi-transparent. Some days later than the scarlet. Per pkt., 5 . . . 15
- Scarlet Olive-shaped.** In the form of an olive. Skin fine scarlet; neck small; flesh rose-colored, tender, and excellent; well adapted for forcing. Per pkt., 5 . . . 10
- Black Spanish.** One of the latest of the Radishes, and is considered an excellent sort for winter use. Large size; color black; of firm texture. Per pkt., 5 . . . 15
- Rose-colored China Winter.** Size medium; skin comparatively fine, and of a bright rose-color; flesh firm, rather piquant. Late variety. Per pkt., 10 . . . 20
- New French Breakfast.** A new quick-growing variety. Oval form; color scarlet, tipped with white; fine flavored; excellent for forcing. Per pkt., 5 . . . 10
- White-tipped Scarlet Turnip.** This is a new variety, which will prove more acceptable than our white-tipped Scarlet Olive-shaped, on account of its round root. Per pkt., 10 . . . 25
- "Raphanus Caudatus," or Edible Podded Radish.** This valuable new vegetable belongs to the Radish tribe; but, unlike that esculent, the seed-pods (not the root) are eaten: these are very curious, attaining an immense size in a wonderfully short time, sometimes growing as much as three inches in a night. This vegetable can be used in various ways; indeed, it may be regarded as one of the most useful that have been introduced for many years. Producing extraordinary siliques (pods), which are very remarkable from their attaining the enormous length of about two feet. These pods have a most agreeable flavor, and when about half-grown can be eaten in the same way as roots of the common Radish, which they greatly resemble in taste, but are far superior in delicacy of flavor. In salads they will be highly estimated; for, added to their other merits, they possess the excellent advantage of being easily digested; they also make a good pickle, for which purpose they are well adapted. It is, however, when the pods are boiled that they are most delicious, eating like marrow, and having a most delicate flavor; they should be served on toast, and will form a most agreeable addition and novelty for the table. Per pkt., 10 . . . 50

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RHUBARB (*RHEUM HYBRIDUM*).

German, *Rhubarber*. — French, *Rhubarbe*. — Spanish, *Rubarbo Bastardo*.

Culture. Rhubarb succeeds best in deep, somewhat retentive soil. The richer the condition, and the deeper it is stirred, the better. Sow in drills an inch deep. Thin out to six inches apart. In the fall, trench a piece of ground, and manure it well; then transplant the young plants into it three feet apart each way. Cover with leaves or litter the first winter, and give a dressing of coarse manure every fall.

Victoria. A large variety; one of the best for general use. Per pkt., 5 per oz. .25
Linnaeus. Large, tender, and fine-flavored. Per pkt., 525

SALSIFY, or OYSTER PLANT (*TRAGOPOGON PORRIFOLIUS*).

German, *Bocksbart*. — French, *Salsifis*. — Spanish, *Ostra vegetal*.

The Salsify is a hardy biennial plant, and is principally cultivated for its roots, which are long and tapering, and, when grown in good soil, measure twelve or fourteen inches in length. It is considered wholesome and nutritious. When cooked, the flavor resembles that of the oyster, and is a good substitute for it: whence the popular name.

Culture and treatment similar to Parsnip. per oz.
Salsify, or Oyster Plant. Per pkt., 1020

SCORZONERA, or BLACK SALSIFY (*SCORZONERA HISPANICA*).

German, *Schwarzwurz*. — French, *Scorzonere*. — Spanish, *Escorzonera*.

Scorzonera, or Black Salsify. Cultivated like the common Oyster Plant, which it much resembles in its mode of growth. It is also prepared for the table in the same manner. Per pkt., 1025

SPINACH (*SPINACIA OLERACEA*).

German, *Spinat*. — French, *Epinard*. — Spanish, *Espinaca*.

Spinach is very hardy, and consequently a very important vegetable for cold climates. It is extremely wholesome and palatable.

Culture. Spinach is best developed and most tender when grown in rich soil. It should be heavily manured and deeply trenched. Sow early in March for summer crop, in drills, which method renders the cultivation and the gathering of the produce more convenient. Encourage the growth with frequent hoeing, which draws the moisture to the roots. For a succession, a few seeds of the summer varieties may be sown, at intervals of a fortnight, from April to August. Sow from the middle of August to the beginning of September, for the winter crop, in a light sandy soil, on raised beds, which enables it better to stand the severe frost. Thin the plants as soon as they are strong enough to draw, leaving them about nine inches apart in the row. Two ounces of seed will plant five drills, each forty feet long.

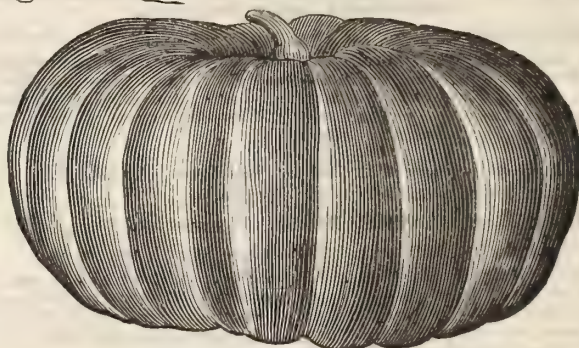
Round or Summer. Leaves large, thick, and fleshy; rounded at the ends; a little crimped; in general use for early planting. Per pkt., 5 per oz. .10
Fall, or Prickly. Leaves seven or eight inches long; halbert-shaped; thin in texture, and erect; the hardiest, and most used for fall planting. Per pkt., 5 .10
New Zealand. Its merit consists in the fact that it grows luxuriantly, producing leaves of the greatest succulency in the hottest weather. Per pkt., 10 . .20



URBAN SQUASH.



YOKAHAMA SQUASH.



MAMMOTH PRIZE SQUASH. — Weight 180.

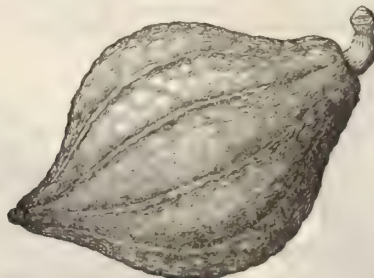
SQUASH (CUCURBITA MELO PEPO).

German, *Kurbiss*. — French, *Courge*. — Spanish, *Calabasa tontanera*.

The several varieties of the Squash are very useful in this and other warm climates, as they can be grown to perfection in the summer. It is in general use from June to August, and the late varieties the whole winter until May. It is extensively cultivated in this vicinity for the market.

Culture. Any good enriched soil is adapted to the growth of the Squash. They only thrive well in a warm temperature, as all the varieties are tender annuals; and the seed should not be sown in spring until all danger from frost is past, and the ground is warm and thoroughly settled. The hills should be made from eight to ten inches in depth, manured well, and the seeds covered about three-fourths of an inch deep. Keep the earth about the plants loose and clean, removing the surplus vines from time to time, allowing not more than three plants to a hill. The custom of cutting or nipping off the leading shoots of the running varieties is now practised to some extent, with the impression that it both facilitates the formation of fruitful laterals and the early maturing of the fruit.

- | | |
|---|---------|
| Early Yellow Bush Scalloped. An early, flat, scallop-shaped sort; color yellow: | per oz. |
| flesh pale yellow, fine-grained, and well-flavored; productive. Per pkt., 5 | .10 |
| Early White Bush Scalloped. A sub-variety of the Yellow Bush. Per pkt., 5 | .10 |
| Early Summer Bush Crookneck. Generally esteemed as one of the finest of the summer varieties; color bright yellow; skin very warty, thin, and easily broken; flesh dry and well-flavored. Per pkt., 5 | .10 |
| Boston Marrow. Form ovate; skin thin; when ripe, bright orange: flesh rich salmon-yellow, very dry, fine-grained, and for sweetness and excellence unsurpassed; a fall and winter variety. Per pkt., 5 | .15 |



HUBBARD SQUASH.

- | | |
|---|-----|
| Hubbard. The best winter Squash known; flesh bright orange-yellow, fine-grained, dry, sweet, and rich-flavored; keeps through the winter. Per pkt., 10 | .25 |
| Fall or Winter Crookneck. Most generally cultivated for fall and winter use; flesh salmon-red, close-grained, dry, sweet, and fine-flavored. Per pkt., 5 | .10 |

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CANADA CROOKNECK SQUASH.

per oz.

- Canada Crookneck.** A small variety of the preceding: ripens early, and, all things considered, is one of the best for general cultivation. Per pkt., 10 .20
- Valparaiso, or Lima Cocoanut.** A large-growing winter variety: a good variety for fall and winter use. Per pkt., 5 .20



THE MARBLEHEAD SQUASH.

- Marblehead.** A new variety of the finest quality, weighing from 10 to 15 lbs.; one of the very best for a late sort. (See page 120.) Per pkt., 10 cts. .25
- Mammoth.** The largest known. Seed which we offer were saved from a squash weighing one hundred and eighty pounds,—a monster. Per pkt., 25.
- Turban, or Turk's Cap.** A superior late-growing variety; of a greenish color, striped with white, and thus in form and color somewhat resembling a turban, whence the name: flesh orange-yellow, thick, fine-grained, sugary, and well-flavored. Per pkt., 10 .25
- Yokohama.** A new variety from Japan: finest grained of all the Squashes, with a rich Marrow flavor. Per pkt., 15 .30
- Lungren.** The leaves are singularly variegated with yellow, the depths of color varying in different plants from pale yellow to bright orange, and differing also in the amount of variegations as the season progresses. The color is most profuse at the base of the leaf, and is distributed thence in serrated stripes, towards, but not reaching, the borders.
- The fruit is bottle-formed, much resembling the "Puritan;" entirely white, about one foot in length, eight inches in its greatest diameter, and weighs from eight to ten pounds. The stem is thick, short, and fleshy. The flesh is pale yellowish-white, thick, fine-grained, dry, and sweet, and peculiarly free from the strong flavor common to many varieties. It cooks well, early or late in the season, and even before it has attained its full size, and is also a good keeper. Per pkt., 25.

SUNFLOWER.

- New Mammoth Russian.** This is a new variety: and, under ordinary cultivation, the heads grow to the enormous size of twenty inches in diameter. The

seeds are large, exhibited at the Massachusetts Horticultural Exhibition, and highly commended by the Committee for ornamental purposes. For planting in shrubberies, it is a desirable acquisition. Salad oil of superior quality is extracted from it. To poultry-keepers it is invaluable for its extraordinary productiveness. Per pkt., 10.

er o

.25



GENERAL GRANT TOMATO.

TOMATO (*SOLANUM LYCOPERSICUM*).

German, *Liebesapfel*. — French, *Tomate*. — Spanish, *Tomate*.

There is no vegetable on the catalogue that has obtained such popularity in so short a time as the one now under consideration.

Culture. The Tomato is raised from seeds, which should be sown in a hotbed in March, or in pots in a warm window. They should be started as early and forwarded as rapidly as possible, whether by hotbed or open-air culture. When about two inches high, they should be transplanted, in single plants, to warm, light, rich soil. Water freely at the time of transplanting. Shelter from the sun for a few days, or until they are well established. If sown in the open ground, select a sheltered situation, pulverize the soil finely, and sow in drills. This may be done the last of March or first of April. When the plants are three or four inches high, transplant to where they are to remain, as before directed.

per oz.

The Unrivalled Prize, "General Grant." Size above the medium, three to four inches in diameter, growing in clusters; form round, slightly flattened, very regular, symmetrical, and rarely ribbed or wrinkled; color brilliant glossy crimson; flesh unusually firm, solid, and free from water, weighing from ten to twenty pounds more per bushel than other varieties; skin remarkably fine, smooth, and shining, coloring well up to the stem, — a quality very desirable to those preparing them for the table; very productive, and of the finest flavor; bears carriage well, and keeps in good condition a long time after being gathered, retaining its goodness, and free from wilting. It will be found to ripen uniformly, and as early as, if not earlier than, other varieties. Per pkt., 10

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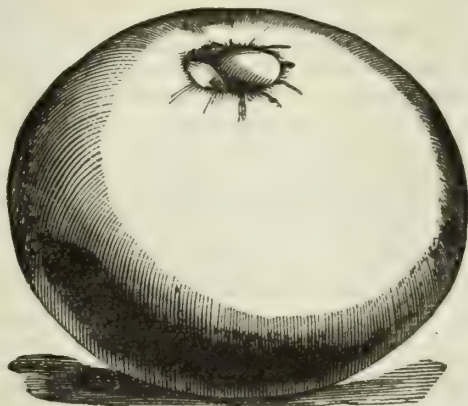
Keyes's Early Prolific. Leaves large, long, and quite entire, not lobed as in other kinds; and the growth is dwarf, compact, vigorous, and strong; medium size, round, of brilliant color, quite smooth, and free from wrinkles of any kind, perfectly solid, and of excellent flavor. Per pkt., 10

.30

Maupay's Superior. The fruit is of a beautiful deep-red color. In form it is round, slightly flattened, and without a crease or wrinkle. Smoothness of the surface is not only one of its most remarkable, but one of its most desirable characteristics. This freedom from creases or wrinkles prevents the great waste usual with almost every other variety. It is of a medium size, and the flesh almost as solid as a beefsteak. One bushel will make as

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	per oz.
Tilden's. It is the earliest of all the large-growing Tomatoes. The fruit varies from round to roundish-oval, which is the general form of the main crop, and is free from the warty protuberances which disfigure ordinary sorts. Color, light brilliant scarlet, with a glossy skin; flesh solid, light red, less watery than other kinds, and of good flavor. Per pkt., 1040
Tree, or Erect. Fruit very large and smooth; and the plants, from their erect, compact growth, highly ornamental. Per pkt., 10 . . . . .	.30
Large Smooth Red. Fruit somewhat flattened, inclining to globular; medium size; skin deep rich crimson; flesh bright pink or rose color. Per pkt., 5	1.50
Lester's Perfected. Of recent introduction; regular form; large size; flesh firm and well-flavored. Per pkt., 10 . . . . .	.25
Large Red. A very early variety, of large size; skin bright-red; flesh pink or rose color. Per pkt., 5 . . . . .	.40
Large Yellow. Clear, semi-transparent, yellow skin and yellow flesh; little used except for preserving and pickles. Per pkt., 5 . . . . .	.25
Grape. A quite small red variety, growing in long clusters, like grapes, and useful for preserves; a new variety. Per pkt., 10 . . . . .	.30
Early York. Very early; of good size, productive, and fine flavor. Per pkt., 10 . . . . .	.50
Cook's Favorite. Medium size, oval form, fair skin, deep crimson, productive, and excellent flavor; one of the best for general cultivation. Per pkt., 10 . . . . .	.40
Strawberry, or Ground Cherry (<i>Physalis Alkekengi</i>). This, though called a Tomato, is a distinct species; excellent for preserves, having a peculiar delicate strawberry flavor. Per pkt., 10 . . . . .	.40
	.50



MAUPAY'S SUPERIOR TOMATO.

TURNIP (*BRASSICA RAFA*).

German, *Steckrübe*. — French, *Navel*. — Spanish, *Nabo comun*.

This is a wholesome and useful plant both for man and beast, and highly deserving of cultivation. It has become in some countries an extensive field-crop.

Culture. Sow as early as the ground will allow, in drills fourteen inches apart and half an inch in depth. The young plants should be thinned to five or six inches asunder. When the bottoms begin to enlarge, remove the earth gently to the depth of an inch and a half, and apply wood-ashes. The sowing for the winter's supply is made in August. One thing must be observed, — to have the ground always fresh dug before sowing.

	per oz.
Early White Flat Dutch, or Spring Turnip. Size medium; of quick growth, juicy, and of excellent quality. Per pkt., 5 . . . . .	.10
Early Snowball. Round; white; a fine early variety. Per pkt., 5 . . . . .	.10
White-top, Strap Leaf. An early variety, which is fast taking the place of the old early Dutch; one of the best for market, or table use. Per pkt., 5 . . . . .	.10

WASHBURN & COMPANY'S

	Per oz.
Purple-top, Strap Leaf. Similar to above, except in color. These two kinds are the best for spring or fall sowing, and for all garden culture. Flesh fine-grained, and rich and buttery flavored. Per pkt., 5 . . . . .	.10
Yellow Malta. Symmetrical, small-bulbed, early variety; skin smooth, bright orange; flesh pale yellow, fine-grained, and well-flavored. Per pkt., 5 . . . . .	.10
Yellow Aberdeen. A hardy and productive variety; flesh pale yellow, tender, and sugary; keeps well. Per pkt., 5 . . . . .	.10
Robertston's Golden Stone. Smooth and symmetrical; skin bright yellow; flesh firm, sweet, and well-flavored; hardy, and keeps well. Per pkt., 5 . . . . .	.10
Large White Norfolk. A sub-variety of the Common Flat Turnip; grows to a large size; flesh white and coarse-grained, but sweet. Per pkt., 5 . . . . .	.10
Long White Tankard. Recommended for its earliness and productiveness, but must be considered a field rather than a table variety. Per pkt., 5 . . . . .	.10
Long White, or Cow Horn. Grows quickly to a good size; flesh white, fine-grained, and sweet. It keeps well, and is esteemed by many the best of all for culinary purposes. Per pkt., 5 . . . . .	.10
Long White French, or Sweet German. One of the very best for winter or spring use, either for the table or for feeding stock. The flesh is firm, sweet, and of excellent flavor; none better for keeping. Per pkt., 5 . . . . .	.10

RUTA-BAGA, or SWEDE TURNIP.

Skirving's Purple-top. A superior variety, hardy and productive; flesh yellow, of solid texture, sweet, and well-flavored. It is a good keeper. Per pkt., 5 . . . . .	.10
Early Stubble Swede. This is recommended for its quick growth, and is well adapted for late sowing. Flesh firm, and well-flavored. Per pkt., 5 . . . . .	.10
Waite's Eclipse, or Hybrid. A comparatively new variety, and excellent for early feeding purposes. Large size, and well-flavored. Per pkt., 5 . . . . .	.10
Laing's Improved Purple-top. A superior variety, hardy and productive. Flesh yellow, solid, and well-flavored; one of the best. Per pkt., 5 . . . . .	.10
Carter's Imperial Hardy Swede. The very best Swede in cultivation . . . . .	.10

AROMATIC, POT, AND SWEET HERBS.

The generality of Aromatic, Pot, and Sweet Herbs may be raised from seed sown early in spring. As only a small quantity of these are necessary for family use, they may occupy a corner by themselves. They thrive best in a mellow, free soil; and care should be exercised to harvest them at the proper time. The greater part of the following-named Herbs are perennial, and will multiply from the seed they drop, or from partings from the roots. The offsets, roots, or young plants, thus raised, should be planted at suitable distances from each other. The beds should be kept free from weeds; and, as the herbs come into flower, cut them on a dry day, and spread them in a shady place to dry for use. The best method for preserving them is to rub them through a sieve when thoroughly dry, and pack them in tin boxes. Put them in a dry place. Per pkt., 10; by the ounce on application.

Angelica.	Coriander.	Pennyroyal.
Anise.	Corn Salad.	Pot Marigold.
Balm, Lemon.	Comelina.	Rosemary.
Basil, Sweet.	Dandelion.	Sage.
Burnet.	Dill.	Saffron.
Cardoon.	French Sorrel.	Summer Savory.
Caraway.	Hyssop.	Sweet Marjoram.
Chervil.	Horehound.	Sweet Fennel.
Cilicory.	Lavender.	Thyme.

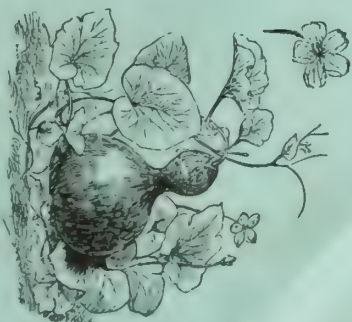
TOBACCO SEEDS.

Connecticut, Seed-leaf. Extra. Per oz., .35	per lb. \$3.50
Havana True (imported). Per pkt., .20	per oz. 1.00
Maryland. Per pkt., .10 . . . . .	.50
Virginia. . . . . .	.50
Latakia. The Best Smoking Tobacco in the World. Introduced by Bayard Taylor, the well-known traveller, from the East, where it is esteemed the most delicate-flavored tobacco known. It is quite distinct from the American tobacco, having a soft, glossy-surfaced leaf, quite unlike the coarse foliage or the Virginia tobacco. Cultivated precisely like the American. Per pkt., 15	per oz. 1.00

CINERARIA MARITIMA CANDIDISSIMA. See No. 1016.



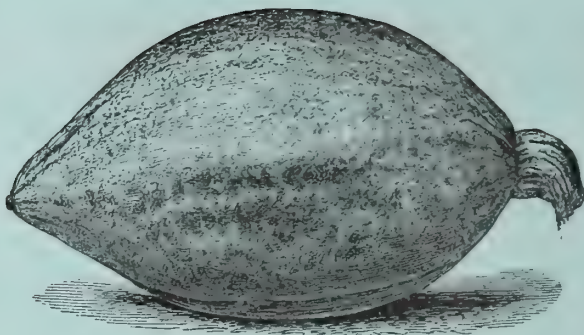
NOLANA PROSTRATA. See No. 259.



BOTTLE GOURD. See No. 794.



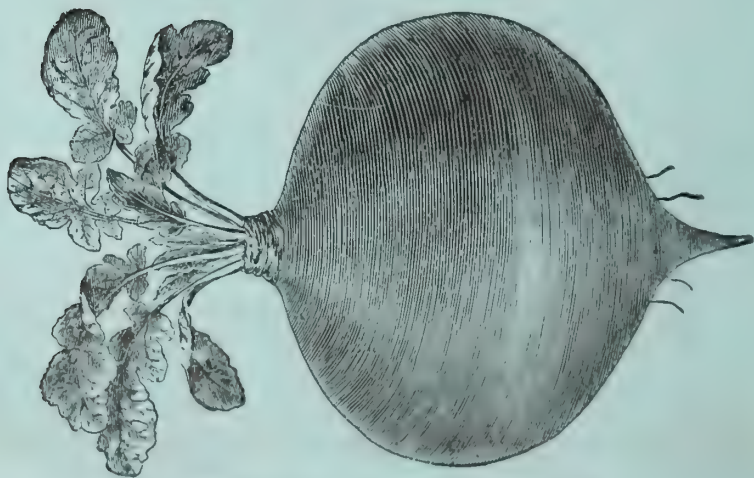
CONVOLVULUS MINOR TRICOLOR. See No. 126.



THE MARBLEHEAD SQUASH. See page 120.



NEW NEAPOLITAN "MARZAGOLE" ONION. See page 118.



CARTER'S IMPERIAL HARDY SWEDE. See page 112.

25

RARE FLOWERS AND NOVELTIES

FOR 1871-2.

Particular care has been taken that the selection should be of the purest character. We cannot affirm the accuracy of the various descriptions, having tested but few of them; but the reputation of the growers from whom we import is to us the best assurance that satisfaction will surely follow. Our patrons wishing novelties will please send their orders early, as our stock of some of the varieties is limited.

	per pkt
1003 Asters, Shakspeare. This new Aster is said to be the finest of all the dwarf sorts. Five inches high; densely formed; flowers very double, of the brightest colors, and of a regular imbricated form. Its dwarf, compact, and free-flowering habits, make it very useful either for the garden or pots	.25
1004 — New (La Superbe). Azure blue. To the beautiful rose variety which was, in fact, the only one of this race, may be added this charming variety with azure-blue flowers. It cannot fail to meet the same general favor	.25
1005 — New cellular Victoria. Most charming novelty; in habit similar to the Victoria Aster; the petals, however, instead of lying flat upon each other, resemble so many tubes open at the ends, forming small cells. The particularly elegant appearance of the flowers is derived, in a great measure, from the symmetrical arrangement of the cells	.25
1006 — Mont Blanc. Fine improvement, belonging, like the Victoria, to the Pyramidal Asters. Plants of luxuriant growth, about three feet high, covered with large, pure-white flowers five inches across, very double, and so disposed as to give to the plants the appearance of complete pyramids	.25
1007 Abronia Arenaria. Nice species, with clear, waxy-yellow, sweet-scented flower; habit like <i>A. umbellata</i>	.25
1008 Amaranthus Bicolor ruber. Splendid bedding plant, with abundant foliage of a bright fiery-red passing towards the summit to bright carminate scarlet, and sometimes tipped with yellow. Far superior to the old (<i>A. bicolor</i>). For flower-beds, there is, among the whole ornamental foliated section, certainly not a finer and more striking plant to be found	.25
1009 — Silicifolius. This plant is of pyramidal form, attaining a height of from two and a half to three feet, branching close to the ground, the lower branches being twelve to fifteen inches in length, and extending in a horizontal position. The leaves, which are beautifully undulated, vary in the earlier stages of growth from a green to a bronzy-green shade, and are from five to seven inches in length by about a quarter of an inch in width. As the plants get stronger, the leaves at the ends of all the principal branches assume a bright orange red color, and become more elongated, generally being from ten to fifteen inches in length, forming magnificent bright-colored plumes, and giving the plant a most elegant and picturesque appearance	.25
1010 Aquilegia glandulosa (true). We are in a position to offer seed of this variety, true. Flowers gathered from the bed from which the seed was saved measured four inches in diameter	.25
1011 — Pulchella	.25
1012 — Rubra. "Two novel forms of Columbine have recently come under our notice. The one is a single red, with the petals margined with white forming a red centre; the other a deep chocolate color margined in a similar manner. They are distinct from any other varieties."	.25
1013 — Hortensis. Dark brown. Very fine variety, reproduced true from seed	.25
1014 Balsam, Double. Scarlet red. (<i>Impatiens Balsaminea atrosanguinea</i> .) very fine plant, splendid color	.50
1015 Centaurea Clementei (Veitch). The foliage is very elegant, and covered with a snow-white down. The numerous ramifications are terminated by an inflorescence of straw-colored florets. Splendid for edges of large groups, the centres of other colored beds, and for isolated clumps	.25
1016 Cineraria Maritima candidissima. This variety may be best described as possessing the substance and general character of <i>Cineraria maritima</i> , but a more decided white color, combined with the dwarf habit and peculiarly graceful and serrated form of <i>Centaurea candidissima</i>	.25
1017 Coleus finest mixed. We have received a few seeds of this favorite plant from a celebrated German grower, which we can recommend as very fine. These beautiful, fine-foliated plants cannot be too highly estimated for garden decoration. Sow seeds same as <i>Calceolaria</i> . See page 9	.25

AMATEUR CULTIVATOR'S GUIDE.

- 1018 *Gilia Liniflora*. Remarkable and pretty species; of branching habit, with deeply-palmate foliage, and large white flowers three-quarters of an inch in diameter; forms a bushy tuft nine inches high, and the same in width, .2t
- 1019 *Ipomea fine Mixed*. (NEW MORNING GLORY.) An elegant and highly ornamental genus of climbers, with handsome and showy flowers, combining many brilliant colors with pure-white margins varying in shade from the most intense blue to the most delicate cerulean; many beautifully striped. For separate sorts, see page 74. See Frontispiece .25
- 1020 *Larkspur. Stock-flowered, Dwarf Candelabra-formed*. Quite a new dwarf race of Larkspurs, the stems of which attain hardly one foot in height. Close to the ground the stems throw out beautifully-curved branches, which diminish in length as they approach the top of the principal axis; thus giving to the whole plant the appearance of a Candelabra .2t
- 1021 *Mignonette, Parson's white*. Superior in odor, habit, and color, being nearly pure white, and cannot fail to become a general favorite. The spikes are large and beautifully shaped. One plant suffices to perfume a whole house. A great acquisition .10
- 1022 — *New Crimson-flowered Giant*. A new variety, quite distinct from all other sorts, being robust in habit, with very large spikes of handsome flowers of exquisite fragrance, and is a free and perpetual bloomer. We consider this the best variety of Mignonette in cultivation .10
- 1023 *Marigold, Orange African Quilled*. A very double variety of Marigold, with quilled petals; a striking novelty, and very showy .25
- 1024 *Nemophila Maculata albida*. The individual flowers are larger than a half-dollar; and the general effect of the white (as brilliant as frosted silver) contrasted with the bright purple blotch on each petal of the flowers, which are produced in great quantities, is of a character to insure its becoming one of the floral favorites of the season .25
- 1025 *Oxalis Valdiviana*. A very strong-growing, still compact, new Oxalis; the sweet-scented, bright-yellow flowers are well up out of the foliage .25
- 1026 *Pansy Cliveden (mixed colors)*. These invaluable early spring-flowering bedding-plants are so universally known and admired that comment on them at our hands is quite unnecessary; suffice it to say, they are becoming more popular every year; and for effect, when grown in masses, or used as edgings for beds, they cannot be surpassed .25
- 1027 — *Odion*, of fine blotched, very splendid beautiful large-eyed flowers .50
- 1028 — *Beauty of St. Osyth (Black)*. The darkest Pansy ever raised; equal in size to Claribel, and as free a grower and bloomer as the Cliveden .25
- 1029 — *New Dark Violet Blue*. The color of this flower is as stated in the name, — dark violet blue; large blossom, of good substance, free bloomer, and, as a bedding-pansy, is a plant of great beauty .50
- 1030 *Petunia, new fringed varieties*. Consisting of a great variety of colors, beautifully and finely fringed .50
- 1031 — *Double, striped*. From large-flowering striped Petunias, carefully selected with double varieties .50
- 1032 *Perilla Nankinensis fol. Variegatis*. The foliage of this new variety of the well-known and highly ornamental dark brown Perilla Nankinensis is variegated, and striped with brilliant rosy carmine, and sometimes even with white, producing a striking and charming effect .25
- 1033 *Phlox Drummondii Heynholdii*. The New True Scarlet Phlox (Benary). There is already in our gardens a bright variety of much value, known under the name of P. scarlet (coccinea); but its flowers, though of a very brilliant color, are far from being the true scarlet, and only of a radiant, bright dark-crimson tint .25
- 1034 *Salpiglossis Nigra, or New Black*. A new variety, recommended for its decidedly distinct character as a black blossom .25
- 1035 *Statice spicata*. This charming early-flowering annual continues in bloom a long period. The plant forms a spreading tuft of lively emerald green, from which arise a multitude of ear-like spikes of lovely rosy-pink flowers. Beautiful dwarf beds or edgings can be made with it. For pot culture, it is very useful and pretty, — equally valuable for winter bouquets, .25
- 1036 *Sweet William, pure white (Dianthus barbatus albus)*. Pure white blossom, large, and good substance .25
- 1037 *Wallflower, New Golden, Tom Thumb*. A first-class novelty; habit compact; color fine golden orange; petals of good substance, and flowers large; calyx delicate green, instead of dark brown, as in other wallflowers .25
- 1038 *Zinnia elegans, double white*. Fine, bushy, vigorous-growing sort, with very large, double white flowers, produced during the whole summer .25
- 1039 — *elegans, Double Orange*. Another color reproduced true from seed .25

NEW AND RARE VARIETIES OF VEGETABLE SEEDS.

N.B. — While we exercise the greatest care to have all seeds pure, true to name, and reliable, we do not warrant the same to produce a crop. There are so many changes that take place during the season of growth to final maturity, that we do not hold ourselves liable or responsible in any respect for the loss or damage arising from the failure of any seed sold by us.

The following kinds we wish to call attention to as desirable:—

Per pkt.

- ASPARAGUS, Moore's Premium.** This variety is now well known in Boston and vicinity as the largest and finest in every respect, without exception, in cultivation. Capt. Moore has taken first prizes for his celebrated Asparagus every season for the past ten years, at the Exhibition of the Massachusetts Horticultural Society; and, on the second Saturday in June, exhibited a bunch of twelve stalks, weighing three pounds five ounces. On the same day there was exhibited a bunch of Conover's Colossal, from New York, of eighteen stalks, weighing three pounds eight ounces (only three ounces more), and having six more stalks in bunch, showing the superiority of Moore's. Per oz., 25 cts. \$2.00 per lb. .10
- BEET, Hatch's Early Extra Blood-Turnip.** This is an improved variety, both in earliness, smoothness, and fine quality for table-use, and is a favorite with the growers of fine early vegetables for the Boston market. Per oz., 20 cts. Per lb., \$2.00 .10
- **New Chilian** (for decorative purposes). This striking novelty is specially adapted for bedding-purposes, the foliage presenting a variety of color, from bright orange to purplish-crimson .15
- **Carter's Perfection.** For flower-garden decoration or for salad. The root is of medium size, rich color, and fine flavor. The foliage is shining black, of dwarf, even, and regular habit; and, unlike other beets, the leaves show their dark color from the seed-leaf .15
- BEANS, New White-Seeded Dwarf Wax.** A most excellent new variety, highly esteemed for its white, tender, succulent pods. The seeds are white as well as the pods, adding much to its value, and giving it a decided preference over the black-seeded sorts. Very prolific, the vines being literally covered with pods. Per qt., 50 cts. .10
- **Dreer's Improved Lima.** The distinctive improvements in this Bean are, its earliness, remarkable productiveness, delicious flavor, and forming the beans closely in the pods. A welcome improvement on the old well-known favorite .25
- BRUSSELS SPROUTS, Scrymger's Giant.** The true variety; dwarf-growing, close-headed, and compact. Per oz., 50 cts. .10
- CABBAGE, Early Wyman (Crane's Improved).** This we can recommend as the finest early cabbage grown. Very choice home-grown seed. (For imported, see p. 91.) Per oz., \$2.00 .25
- **Early Jersey Wakefield.** A standard early cabbage in the Boston and New York markets. Grows to a good size, solid, and is one of the best early varieties for shipping. Our stock of this variety was grown with great care. Per oz., 75 cts. .10
- **Robinson's Champion Drumhead.** The largest in cultivation; have been exhibited in Europe weighing seventy-four lbs. See cut. Per oz., 40 cts. .10
- **Savoy, Carter's Little Pixie.** A writer in "The Journal of Horticulture" says, "Among Savoy's, I find nothing so valuable as 'Little Pixie.' Planted out sixteen inches, plant from plant, the ground is literally covered with small but delicious heads of from one and a half to two pounds each." See cut. Per oz., 40 cts. .10

- Per pkt.
- CAULIFLOWER, Veitch's Autumn Giant.** This extremely valuable variety is perfectly distinct from any other sort. The heads are magnificent, beautifully white, large, firm, and compact, and, being thoroughly protected by the foliage, remain longer fit for use than any other sort. .25
- CELERY, Sandringham.** A new and excellent variety, becoming rapidly popular. Of medium size, very juicy, and excellent flavor. Per oz., 50 cts. .15

NEW SWEET CORN.

- Potter's Excelsior Sweet.** It is some years since there has been any recognized improvement in this valuable vegetable; and not since we introduced the now celebrated Concord Corn has there been any variety with claims sufficiently strong to demand general recognition. The above new variety, originated four years ago in the Rhode Island Seed Gardens at East Providence, will, we believe, surpass any variety extant in many desirable features. The essential points in all sugar-corn are earliness and sweetness; in the first, Excelsior will be found equal to any, while in the second it is certainly surpassed by none. It is not recommended as desirable for market purposes, its size being medium: but for family use it has received the plaudits of many eminent horticulturists, among them Fearing Burr, Esq., who says of it, "For tenderness and sweetness it is unexcelled; and for family use no better corn could be desired." Per qt., 50 cts. .10
- **Triumph Sweet.** This new and superior variety being the earliest of all the large varieties, and unsurpassed for its richness, sweetness, and delicacy of flavor, productiveness, size of ear, and white appearance when cooked. It has been cultivated as a market variety for several years (though the seed was not offered for sale until last year); and it is highly indorsed by reliable and prominent parties, who have given it a trial. Nothing can surpass it as a market variety. Selected ears, 25 cts. each; per qt., 50 cts. .10
- CUCUMBER, Marquis of Lorne.** This splendid cucumber still maintains its position as the best show variety. It has a white spine, beautiful short neck, smooth skin, very straight and prolific, with a remarkable absence of seed, and is unquestionably of most delicious flavor. It has been awarded first prizes at nearly all the great horticultural shows. See cut, p. 88 .25
- **Sooly Qua.** This remarkable vegetable, which created such a sensation when shown at the Royal Horticultural Society's Meeting, June 8, 1870, is wonderful alike for its immense fruit, large, dark-green, glossy leaves, and the beauty of its flowers. In China it is used by the natives as a regular article of food, boiled with rice, and is much enjoyed, served up in various ways, by Europeans. The fruit is of rapid growth, attaining a length of six feet, and twelve to sixteen inches in circumference; and is used in a green state just when it attains its full size. See cut, p. 88 .50
- **Tailby's Hybrid.** This new cucumber is a perfectly successful cross between the Long Green and White Spine. It grows to a large size, and is well worthy the attention of amateurs and the market gardener. 5 pkts., 1.00 .25
- **The Green Prolific.** This superior variety, now for the first time offered in market, is the result of careful (for over fifty years continued) selection from a natural cross between the Green Cluster and Long Green, crossed again with White Spine; the best form and quality of a pickle having thus been obtained. With good care, an acre will produce 200,000, and more, pickles. The most prolific cucumber ever known. In appearance, it partakes some of the characteristics of each of its parents. Its color is dark green; in shape, it stands between the Cluster and White Spine, being larger than the first, but not as tapering as the latter. Its growth is remarkably uniform, yielding hardly any cucumbers too large for pickling, although its greatest value consists in its immense productiveness, and excellence for pickling. It is equally desirable as a market-cucumber, on account of its crisp and tender flesh, and fine flavor. Per oz., 75 cts; $\frac{1}{2}$ lb., \$1.75; lb., \$5.00. .25

- Per pkt.
- KALE, Acme.** A very dwarf curled kale, with glaucous green leaves, intersected by a scarlet midrib. Very hardy, very early, prolific, tender, mild, and a brilliant green when boiled. Per oz., 30 cts.10
- LETTUCE, Bunney's Incomparable Hardy Green Cos.** The raiser of this says, "I have tried it with all the leading kinds of lettuce, but none are equal to it. You may grow it for any time of the year, as it is very hardy, and has stood the drought of the last season when other sorts 'bolted.'" A compact, large-growing, crisp variety, of fine flavor. Per oz., 50 cts.15
- **Tennisball, white seed.** The strain we offer of this valuable variety has been brought to its present state of perfection by one of our most prominent market-gardeners (Mr. Walter Russell of Arlington), by a system of the most careful selection. It forms fine heads, which are very hardy, and deliciously crisp. It is the best and most profitable lettuce brought into the Boston market, — a valuable sort for forcing or garden culture25
- MELON, Boston Market.** (Musk.) We are pleased to inform customers that we now offer seeds of this celebrated melon. Our stock was grown expressly for us, by Mr. Walter Russell of Arlington, whose melons have brought the highest prices in the market for some years. Persons wishing a fine melon will find this superior to any other in all respects, either for family or market purposes. Fruit nearly round, but flattened slightly at the ends, deeply and very regularly ribbed; size medium; skin green, and thickly netted. When fully mature, the green becomes more soft and mellow, or of a yellowish shade. Flesh thick, very juicy, and of the richest and most sugary flavor. It is an abundant bearer, quite hardy, and remarkably uniform in its quality. Per oz., 50 cts.10
- **Persian.** (WATER.) Introduced by Bayard Taylor, Esq., the traveller. We can confidently recommend it as a most valuable acquisition, particularly for the Middle and Southern States. It is globular and elliptical in form, of pale-green color, with dark stripes; flesh crimson, and of remarkably fine texture; delicious flavor, with only half an inch of rind. A peculiarity of this melon is, that it can be taken off the vine to ripen, and will keep till winter. It grows to a large size25
- **Sill's New Hybrid Musk.** This fine variety has all the earliness and sweetness of the White Japan, and is larger than the Christiana. It is very vigorous and productive in its habits of growth, and the melons are spicy and delicious. Flesh, fine salmon-color. Per oz., 30 cts.10
- **Mexican.** (WATER.) A delicious variety; very early, strong grower; fruit medium size, thin rind; flesh solid, pale salmon-color, very sweet25
- ONION, New Giant Rocca of Naples.** A splendid variety, of delicate flavor, globular shape, and light brown skin; grows to an immense size. Weight, as exhibited at the Royal Horticultural Show in London, three pounds nine ounces. Per lb., \$3.50; oz., 30 cts.15
- **Early White Naples.** A distinct variety of large size, quick growth, and mild flavor. Per lb., \$4.00; oz., 40 cts.15
- **Large Italian Red Tripoli.** Grows to a large size, but of exceedingly mild flavor. Bulbs of this variety have been exhibited weighing two pounds eleven ounces. Per lb., \$4.00; oz., 40 cts.15
- **Giant White Tripoli.** Specimens of this magnificent onion were on view at the Royal Agricultural Society's Show at Oxford. Four of the heaviest roots turned the scale at nine pounds, three ounces. Per lb., \$4.00; oz., 40 cts.15
- **Neapolitan "Marzagole."** This variety is said to be the earliest onion in cultivation. In mild sections of the country, seed sown in autumn produces good-sized bulbs in March. Per lb., \$5.00; oz., 50 cts.15
- **New Queen.** Silver-skinned variety, of wonderfully rapid growth and remarkable keeping qualities. If sown in July, it will be ready to pull the same year, and be sound and fit for use the following fall. It is of excellent mild flavor, and can be highly recommended. Per oz., 50 cts.10

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Peas ordered by mail are subject to an extra charge of 15 cents per pint for postage.

	Per pkt.
PEA, Laxton's Alpha. (THE EARLIEST WRINKLED PEA.) The exquisite flavor, remarkable earliness, and prolific bearing of this pea, have placed it in a prominent position in all gardens. Quart, 50 cts. . . . .	.10
— McLean's Blue Peter. In general habit it is well described as a "Blue Tom Thumb," but possessing a more robust habit. It is earlier than Daniel O'Rourke, twice as prolific as Tom Thumb, and of finer flavor. Per qt., 75 cts. . . . .	.15
— Carter's First Crop Blue. A desirable dwarf pea, splendid bearer; pods large and uniform. Per qt., 60 cts. . . . .	.15
— Multum in Parvo. Being a selection from it, this pea closely resembles McLean's Little Gem. Grows eighteen inches high, and bears large pods. Per qt., 75 cts. . . . .	.15
— New Edible-podded Wrinkled. A novelty of great merit. The pods should be cooked whole, after having the back string taken off, and may be served in various ways, when they will be found a delicious addition to the dinner-table. Per qt., 50 cts. . . . .	.10
— Hundred-Fold. This variety bears remarkably fine large pods; is very productive; and the peas when cooked are of a rich green color, and splendid flavor. Per qt., 50 cts. . . . .	.10
— Easte's Kentish Invicta. Kentish Invicta is a round, blue pea, about two feet in height, with straight, handsome, well-filled pods; is earlier than the best stocks of Daniel O'Rourke, whilst the fact of its being a "Blue" pea proclaims it to be infinitely superior in flavor to any white variety in cultivation. Per qt., 60 cts. . . . .	.15
— William the First. A splendid first early pea, producing large, well-filled pods. Unsurpassed for productiveness and exquisite flavor . . . . .	.25
PEA, Griffin. A remarkable and distinct early variety, of fine color and flavor when cooked; the ripe seed is of a bright green color, and well calculated to supply "green peas all the year round" . . . . .	.25
— Popular. A decided improvement on Champion of England, being somewhat earlier, and having better-filled pods . . . . .	.25
— Superlative. The largest and finest-podded variety ever raised. As it sometimes runs seven or eight feet in height, it should be slightly pinched in when about five feet high . . . . .	.50
— Omega. This is a late variety, of dwarf habit, very prolific, and of excellent flavor . . . . .	.50
PARSLEY, Champion Moss Curled. This parsley is the perfection of a curled parsley for garnishing purposes. We cannot recommend it too highly: it is not to be surpassed. Per oz., 25 cts. . . . .	.10
RADISH, London Particular Long Scarlet. Per oz., 25 cts. . . . .	.10
— Wood's Early Frame. The finest long radish for early cultivation. Per oz., 15 cts. . . . .	.05
SQUASH, Lungren. This variety is of a creamy white color, and weighs from eight to ten pounds. Flesh pale yellow, thick, fine-grained, dry, and sweet. Entirely free from the strong flavor common to many varieties. It can be used as a summer squash before ripening, and is an excellent keeping variety . . . . .	.15
— Marblehead. A decided improvement on the well-known Hubbard, the shell being harder and the flesh lighter colored and thicker than that variety; while its combination of sweetness, dryness, and delicious flavor is really remarkable. It is as productive as the Hubbard, and its keeping qualities considered superior. Per oz., 30 cts. . . . .	.10
— Butman. A new variety from Maine, thus described by the originator: This variety is externally very distinct in color from any other kind, being a bright grass-green, intermixed with white. In size and productiveness it resembles the Hubbard; it has a thick shell, and is thick-meated. The color of the flesh is quite striking, being of a light salmon and lemon color combined; dry, sweet, and delicious; in its prime from October to January. Per oz., 60; $\frac{1}{2}$ lb., \$1.25; lb., \$4.00 . . . . .	.20

Per pkt.

SQUASH, Moore's Vegetable Cream. The finest summer squash cultivated. When mature, it is of a uniform pale-yellow color. The skin, or shell, is very hard when perfectly ripened; flesh white, tender, and succulent, even till the seeds are ripe. It may be used in every stage of its growth; and, when perfectly ripened, will keep through the winter if stored in a dry place 25

NEW TOMATOES.

The Conqueror. Mr. Pringle of Vermont, the well-known hybridizer, having given his attention some years ago to the improvement of the tomato, succeeded in raising the Conqueror, which, without doubt, is the earliest and most productive variety in cultivation.

The fruit does not remain green for a long time after attaining its full size, but ripens at once, thus arriving at maturity considerably in advance of sorts heretofore considered the earliest. This earliness insures the ripening of the entire crop; which fact, taken in connection with its remarkable productiveness, makes its yield enormous. The fruit is borne in clusters of eight to twelve, which ripen nearly at the same time; it is from three to four inches in diameter, and unusually free from irregular specimens. Its color is deep red, dusted with gold; flesh solid, and of rich, mild flavor.

George Thurber, Esq., editor of "The American Agriculturist," speaking of the earliness of this variety, says, "By earliness I do not refer to the ripening of a single specimen, for the Conqueror ripened one fruit astonishingly early; but I mean that the vines of this would afford a good table supply at the least ten days before any other variety. I would also add, that in color, shape, and quality, this variety was highly satisfactory." Six pkts., \$1.00 25

"The Golden Trophy." This beautiful yellow tomato is a sport from the well-known "Trophy," but is a stronger and more rapid grower, much more productive, and ripens a week earlier. The flavor differs from any variety with which we are acquainted, has very little acidity, and when eaten raw, without seasoning, resembles in flavor some varieties of apples. Six pkts. for \$1.00 25

POTATOES.

[*Solanum Tuberosum*, LIN. *Pomme de Terre*, FR. *Kartoffel*, GER.]

The great popularity of the new varieties of Potatoes, which have been sent out within the last six years, among which are the **Early Rose**, **Late Rose**, **King of the Earlies**, **Bressee's Prolific**, **Peerless**, **Climax**, **Extra Early Vermont**, **Compton's Surprise**, **Brownell's Beauty**, **Eureka**, **Snowflake**, and **Alpha**, have induced many growers in various sections of the country to experiment in raising seedlings, a large number of which, considered by the originators as the very choicest in their collections (some of which embraced several hundred varieties), were grown in our trial ground the past season. A large number of these varieties possess superior qualities, and are well worthy of further trial; but, as it is our intention to offer nothing but what shows a decided improvement in some respects to these already in cultivation, we have found but one variety that comes up to our standard. This variety was originated by Mr. Pringle, who has already obtained a world-wide reputation in producing the **Alpha** and **Snowflake**, two of the best and most popular varieties in cultivation, and named by him **Ruby**, on account of the beautiful color of its skin, and is described as follows:—

RUBY (Pringle).

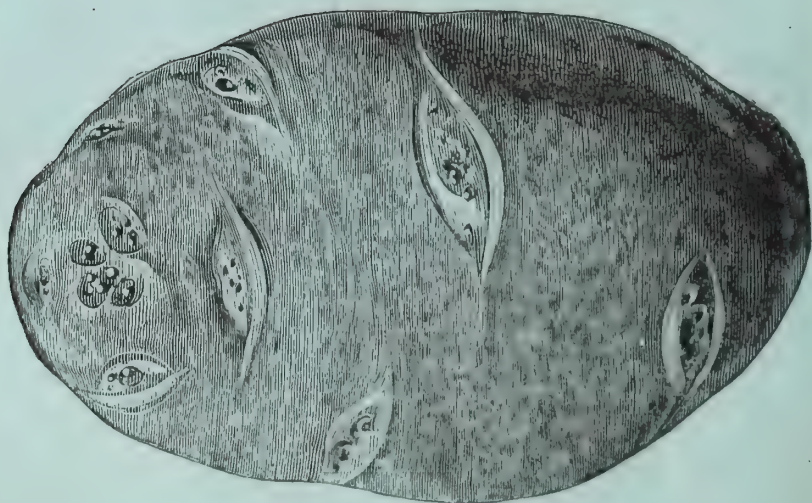
A new red kidney-shaped potato of excellent promise, raised in 1871 from the **Early Rose** hybridized with the **White Peachblow**. Its hybrid origin is quite apparent. The shape is oblong, slightly flattened, resembling that of the **Early Rose**. In its coloring the red of the latter variety is deepened by the carmine which shows in the blotches of the **White Peachblow**. The eyes, which are but slightly sunken, are carmine like those of this variety. The flesh possesses much the character of the **Peachblows**, being white, fine-grained, firm, and of excellent flavor. The tubers are of approved medium size, and are clustered close about the foot of the stalks. These are short and stout, with foliage broad,



ARLINGTON TOMATO.



POTATO ALPHA.



POTATO SNOW FLAKE.

thick, and of a very dark green color. The time of maturity is the same as that of the Early Rose, and it is equally productive.

In short, we believe this new sort (the first choice of all Mr. Pringle's recent seedlings, which amount to many hundreds), to combine in a rare manner the good points of its parents; and, to those with whom the Peachblows are favorites, we can recommend it with confidence as an early variety of the Peachblows without any of their faults. At the recent International Potato Exhibition held in the Alexandra Palace, London, in September, this seedling, in common with a few others sent by us, received a certificate of merit. To those who prefer a red-skin potato, we can confidently recommend this excellent variety.

Per pound, \$1.00; 3 pounds to one address, \$2.50, by mail, prepaid. By express or freight, charges paid by the purchaser, $\frac{1}{2}$ peck, \$3.00; 1 peck, \$5.00.

VARIETIES OF 1875.

ALPHA (Pringle).

THE EARLIEST VARIETY IN CULTIVATION.

Raised in 1870, by C. G. Pringle, originator of the Snowflake, and one of our most experienced hybridizers, from seed borne on Early Rose, and impregnated by pollen of Sebec. A very early variety for farm and garden culture, also for forcing under glass; fit for the table ten or fifteen days before the Early Rose. Tubers of medium size, oblong, somewhat flattened, with eyes but slightly depressed; color a clear white, with the slightest tinge of red about the eyes; flesh very white, fine-grained, dry, and firm, and possessed of a decided and excellent flavor; stalks short and close-jointed, seldom exceeding a foot in height; leaf broad, light green and shining above; tubers clustered about the base of the stalk; quality of the highest excellence. A first-class certificate was awarded by the Royal Horticultural Society of London, in 1874. It has been thoroughly tested the past season in various sections of this country, and has given perfect satisfaction. We can recommend this with the greatest confidence *as the very best early variety in cultivation.*

Per pound, \$1.00; 3 pounds to one address, \$2.50, by mail, prepaid. By express or freight, charges paid by the purchaser, $\frac{1}{2}$ peck, \$2.00; 1 peck, \$3.00; $\frac{1}{4}$ bushel, \$5.00; 1 bushel, \$9.00; 1 barrel, \$20.00.

Eureka. (BROWNELL.) — This seedling resulted from a seed-ball grown on an Excelsior potato vine blossom fertilized with pollen from the White Peachblow; vines of strong and vigorous growth; tubers of a good medium and uniform size; shape elongated oval, somewhat flattened, eyes few, skin white and fair; season second early. It is one of the most productive in cultivation, besides being an excellent keeper. Its flesh is exceedingly fine-grained, white, and, when boiled or baked, mealy and of excellent flavor, cooking through uniformly without any fault at the centre. A silver medal was awarded to this variety by the Massachusetts Horticultural Society, in 1874.

One pound, 60 cents; 2 pounds, \$1.00; 3 pounds, \$1.25, by mail, postpaid. By express or freight, charges to be paid by the purchaser, 1 peck, \$1.50; $\frac{1}{4}$ bushel, \$2.50; 1 bushel, \$4.00; 1 barrel, \$8.00.

VARIETIES OF 1873 AND 1874.

Snowflake. — One of the earliest varieties, ripening about the same time as the Early Rose. The tubers are of a good medium and uniform size; shape exceedingly symmetrical and remarkably uniform; eyes few, skin white with a russety tinge, flesh exceedingly fine-grain, snow-white when boiled, and of a lightness and porosity almost approaching a snowflake. In quality, we do not hesitate to say, nothing can surpass this variety; its mealiness, its pure, delicate flavor, and the evenness with which it cooks through, have never been eclipsed by any potato. As a baking potato it is equally valuable, and as such is distinguished for its pure starchy texture, and delicate nutty flavor. The tubers have attained the full development of their quality as soon as they are fit to dig, and do not lose it during winter; samples kept till the first of June did not show the least deterioration. It has been tested on widely varying soils, — sand, gravel, loam, as well as heavy clay, — and has in every case given the same favorable results, and produces a yield of from 300 to 400 bushels per acre. In every case it has proved healthy and hardy, while other varieties alongside of it failed to give satisfactory results.

As a further proof of the superior excellence of this popular variety, we would refer to the reports of the committee who awarded the premiums offered by us the past season, which will be found in full in our potato catalogue for 1876. A silver medal was awarded this variety by the Massachusetts Horticultural Society in 1874. During the past season

it has received first-class prizes at almost every agricultural exhibition in the country, and in England at the recent International Potato Exhibition it was found in the first prize lots in nearly every class to which it was open.

By mail, postpaid 1 pound, 60 cents; 2 pounds, \$1.00; 3 pounds, \$1.25. By express or freight, charges paid by the purchaser, 1 peck, \$1.50; $\frac{1}{4}$ bushel, \$2.50; 1 bushel, \$4.00; 1 barrel, \$8.00.

Brownell's Beauty. (BROWNELL.) — Size, medium to large, growing very fair and smooth. Eyes few and small, nearly even with the surface; shape oval, somewhat flattened; skin reddish, or a deep flesh color; flesh white, fine-grained, and very delicate. For the table, they cook either by baking or boiling equal to the very best, flavor unexceptionable. Vine of medium growth; foliage deep green. The tubers grow compactly in the hill, and are easily dug, ripening in about three months from the time of planting, though suitable for cooking about two weeks later than the Early Rose. A first class certificate was awarded this variety by the Royal Horticultural Society of London in 1873.

One pound, 60 cents; 3 pounds for \$1.25 by mail to one address, postpaid. By express or freight, charges to be paid by the purchaser, 1 peck, \$1.00; $\frac{1}{4}$ bushel, \$1.50; 1 bushel, \$2.25; 1 barrel, \$5.00.

Extra Early Vermont. (WOODHOUSE.) — Similar in color, form, and general appearance to the Early Rose. It is, however, much more hardy, — a better keeper, more productive, of better quality, and from a week to ten days earlier, — and is rapidly taking the place of that popular variety. In many places where the Early Rose has failed to produce a crop, this variety has given the most satisfactory returns. A first-class certificate was awarded to this variety in 1873 by the Royal Horticultural Society of London.

One pound, 60 cents; 3 pounds for \$1.25 by mail to one address, postpaid. By express or freight, charges to be paid by the purchaser, 1 peck, \$1.00; $\frac{1}{4}$ bushel, \$1.50; 1 bushel, \$2.25; 1 barrel, \$5.00.

Compton's Surprise. — Remarkable for its size, quality, and productiveness. Its shape is oval-oblong, eyes sunken, brow prominent, skin smooth, color reddish-purple, flesh white; grows to a large size, and is invariably sound to the centre. It retains its quality perfectly throughout the year, appearing on the table like a ball of flour. Remaining plump and free from sprouts when kept till June, and never having that wilted appearance common to early sorts. Thousands have testified that they never eat a better potato. Its uniform mealiness of grain, combined with the purest flavor, and its snowy whiteness of flesh, which is not in the least affected by its blue skin, cannot fail to make it highly valuable.

One pound, 60 cents; 3 pounds, \$1.25 by mail, prepaid. By express or freight, charges paid by the purchaser, 1 peck, \$1.00; $\frac{1}{4}$ bushel, \$1.50; 1 bushel, \$2.25; 1 barrel, \$5.00.

GENERAL COLLECTION.

PRICES VARIABLE, ACCORDING TO MARKET.

Three pounds of either of the following varieties will be mailed, postpaid, to any address in the United States, upon receipt of \$1.25, or one pound for 60 cents.

Not less than 60 cents' worth, or more than one variety in one package, will be mailed.

King of the Earlies. (BRESSEE'S No. 4.) — A very early variety, vines quite dwarf, tubers large and handsome, flesh white, floury, cooks well, and is of good quality for the table. *Per peck, 75 cents; bushel, \$2.00; barrel, \$5.00.*

Early Rose. — This was the first of Mr. Bressee's seedlings, offered by us in January, 1868, and has now become the standard variety for earliness, quality, and productiveness. *Per peck, 75 cents; bushel, \$2.00; barrel, \$4.00.*

Early Goodrich. — Early, large, white skin, smooth eyes, white flesh, solid to core, keeps well. *Per peck, 75 cents; bushel, \$2.00; barrel, \$4.00.*

Peerless. (BRESSEE'S No. 6.) — Its great beauty, superior quality, and enormous productiveness, place it among the very best varieties for general culture. *Per peck, 75 cents; bushel, \$2.00; barrel, \$4.00.*

Late Rose. — This variety ripens two or three weeks later than the Early Rose, and has proved to be much more productive, — is also hardier, healthier, and a better keeper. *Per peck, 75 cents; bushel, \$2.00; barrel, \$4.00.*

Excelsior. — Very productive, handsome, and well-shaped; cooks white and dry; is well flavored, a superior table variety. *Per peck, 75 cents; bushel, \$2.00; barrel, \$4.00.*

Lapstone Kidney.—Of English origin. Medium early; very long, kidney-shaped; skin very smooth and white; eyes small and entirely flat; flesh white, finely-grained, sound and solid. *Per peck, 75 cents; bushel, \$2.00; barrel, \$4.00.*

Peachblow. (JERSEY.)—This is a well-known variety, very productive, superior for the table, and one of the best for the market and shipping purposes. *Per peck, 75 cents; bushel, \$2.00; barrel, \$4.00.*

White Peachblow.—A seedling of the old Peachblow. This variety has for years been the principal market potato in New York, and has proved a remunerative crop to the producers. *Per peck, 75 cents; bushel, \$2.00; barrel, \$4.00.*

White-eyed Peachblow.—Medium to large size; eyes not deeply sunken, but large; brow very distinct; skin pure white, slightly roughened; eyes and buds in the eyes colorless; flesh white; quality best. *Per peck, \$1.00; bushel, \$2.25; barrel, \$5.00.*

For a more complete list of our potatoes, with directions for culture, see our illustrated descriptive Potato Catalogue, which will be mailed to all applicants enclosing stamp for postage.

Pringle's Hybridized Potato Seed.

The extraordinary success which has attended Mr. Pringle in his attempts to improve this valuable esculent—which has resulted in the production of the **Snowflake** and **Alpha**, and last, though not least, the **Ruby**—has encouraged him to still greater efforts in his favorite pursuit of hybridization; and we have now the pleasure of offering a very choice strain of seed saved by him, which is the product of numerous hybridizations, variously operated, with every care during the past favorable season, between many of the best new and old varieties in cultivation, both English and American, and includes every strain which Mr. Pringle will himself sow the coming spring.

In order to encourage the cultivators of seedlings in this country, as well as in European countries, where the importation of the potato is prohibited for fear of the Colorado beetle, he has decided to offer his seed for sale, that all who desire may have an opportunity of giving it a trial, with the absolute certainty of producing varieties sure to equal, if not to excel, any hitherto offered. In order to prevent imposition, the seed will be put up in sealed packets, with the *facsimile* of our signature upon each packet.

Packets containing 25 seeds, 50 cents each; 5 packets, \$2.00.

DIRECTIONS FOR SOWING POTATO SEED.—Sow under glass in very gentle heat, about the 1st of April; secure partial shade from the full sunlight; if the plants begin to crowd, transplant to give them ample room; when danger from frost is over, set them in the open ground, giving them the full space usually allowed to potatoes. With this treatment, they will, with good attention, attain to full size and maturity the first year.

N.B.—Orders for potatoes received in the winter will be forwarded as early in the spring as the weather will permit, usually about the 1st of April. They can be forwarded earlier if desired, at the risk of the purchaser.

PATENT EXCELSIOR WEEDING HOOK.

THE only instrument that can be used to advantage among small and tender plants. This instrument will work well among rows of seedlings, among ornamental plants, or in any place where freedom from weeds is desired. It removes the weeds with far greater rapidity than in the usual manner, without injuring the plants, or soiling the hands, and is in all respects one of the best instruments ever offered for this purpose. *Price 30 cents each; by mail, 40 cents.*



NOYES' HAND WEEDER.

This is a convenient, cheap, and useful little implement for clearing away weeds, working between plants, dressing pots, and for other small work where a large hoe could not easily be used. *Price 40 cents each.*

GLADIOLUS.

SPLENDID FRENCH AND BELGIAN HYBRIDS OF GANDAVENSIS.

FORWARDED BY MAIL TO ANY ADDRESS, POST-PAID, AT CATALOGUE PRICES.

THE new hybrid productions of the *Gladiolus Gandavensis* are, without doubt, the most superb flowering-bulbs in cultivation, producing their magnificent, long, and densely-flowered spikes of bloom, varying from white to rich salmon, and brilliant carmine to the most intense scarlet or crimson. A single bulb will often give two or three stems of bloom; and a succession of flowers will be produced for two months.

General Treatment.—The bulbs should be planted as soon as the ground is fairly dried in the spring, and all danger of frost is over; planting may be made every two weeks until the middle of June, to secure a succession of bloom. Plant the bulbs from two to four inches deep, according to their size. The soil should be enriched with well-decomposed manure, and well pulverized. The plants should be well staked, and the bloom will be magnificent. When the frost has killed the leaves, or before, if the leaves, by turning yellow, show the ripening of the bulb, the bulb should be taken up, dried rapidly in full sunlight, and the new bulbs separated from the old. Should be kept during the winter in a dry, cool cellar, free from frost.

A discount of five per cent from catalogue prices will be made when one dozen varieties are ordered, ten per cent on two dozen varieties, and fifteen per cent on fifty varieties. Purchasers will please state whether we may substitute, in the event of our being out of the varieties ordered.

SOUCHET'S NEW VARIETIES OF 1871.

(NOW OFFERED FOR THE FIRST TIME IN THIS COUNTRY.)

	EACH.
Alcyon. Very fine spike of large flowers, white ground, bordered and blazed with carminate rose; charming plant, dwarf	\$2.00
Antigone. Long spike of very large flowers, tender rose, largely blazed with carminate red; very showy. Perfection	2.00
Antiope. Very long fine spike of large flowers of a light orange cherry color, with a very dark carmine stain on pure white ground; very showy	2.0
Ariane. Very long spike of large, perfect flowers, white ground slightly tinged with rose or lilac, bordered and blazed with tender carminate rose; the lower divisions with pure white ground. Splendid perfection	3.00
Arsinoe. Fine spike of large perfect flowers, very fine satinnetted rose, blazed with bright carmine; charming dwarf plant	1.00
Beatrix. Very long spike of large, perfect flowers, pure white ground very delicately blazed with carminate lilac. Splendid	3.00
Celimene. Very long spike of very large flowers, well opened, perfect, light orange-red largely blazed with very brilliant red. Splendid plant. Perfection	2.00
Didon. Very large and long spike of large perfect flowers, white slightly tinged and blazed with tender lilac; lower divisions pure white. Perfection	1.50
Jupiter. Very long and fine spike of very large perfect flowers, ground light-red, very largely blazed with very dark crimson red. Splendid and showy variety	3.50
Minerve. Very large spike of well-opened large flowers, very bright brilliant crimson, small carminate red stain on a large white ground. Very fine color	2.50
Ossian. Very long and fine spike of large perfect flowers; very fine bright rose tinged with violet, and blazed with carmine; very well lighted ground	1.00
Phebus. Fine spike of large flowers of a very striking fire-red color, with a very large pure white and very showy stain. Splendid late variety	3.00
Virginalis. Long spike of large flowers, very pure white, bordered and blazed with carminate tender rose; small plant, very fine and delicate	3.00

The above collection of thirteen varieties, \$30.00.

AMATEUR CULTIVATOR'S GUIDE.

VARIETIES FOR 1871.

	PRICE
Adanson. Rose-colored, tinged with lilac; on the lateral and inferior divisions, large stains on white ground tinged yellow; bordered with carmine, tinted lilac	\$2.00
Agatha. Large-flowered, rose colored, with an orange tinge, blazed with carmine amaranth, fine clear yellow spots; very fine	1.00
Antonius. Large, well-opened, perfect flowers, cherry-colored, slightly tinged with orange, blazed with carminate-red; pure white stains; charming plant	.40
Circe. Fine spike of large, well-opened, perfect flowers, of a fine rose slightly tinged with lilac, largely blazed with bright carmine; centre well lighted	1.00
Cornetie. Handsome spike of large light cherry-colored flowers; centre transparent	.75
Delicatissima. Fine white flowers very slightly tinged, and blazed with a soft carmine lilac; the inferior divisions of a pure white, bordered with lilac	2.00
Elizabeth. Flowers beautiful dark-rose-colored, strongly blazed with a lively carmine purple; on the inferior divisions very large stains of a purpléd carmine, with pure white stripes	2.00
Fenelon. Large spikes of large well-opened flowers of a tender rose, tinged with violet, and blazed with bright carmine	1.00
Homer. Vigorous plant; very long spikes of very large, perfect flowers, of a light amaranth, blazed with very bright purple; magnificent plant (perfection)	2.00
La Candeur. Very large well-opened flowers of a perfect white, lightly striped with carminéd violet (perfection)	2.00
Livingston. Cherry-color of a purpléd carmine, the centre clearing off and shading into violet, with a metallic reflex; new shade of a pleasing effect	1.50
Mme. Desportes. Very large and wide spike; flowers very large, well-opened, of a very pure white; the inferior divisions slightly striped with violet	2.00
Mme. Dombrain. Large, perfect, well-inserted flowers of a carminate violet, blazed with bright purple; well-lighted in the centre	2.00
Mary Stuart. Large, well-opened, and well-inserted flowers, white, very slightly tinged with rose, and blazed with very bright, carminate, cherry color	2.00
Michel-Ange. Large, well-opened flowers; dark crimson, slightly blazed with brownish purple on the superior divisions; centre well lighted; white stains; first-rate variety, as well for its peculiar color, as for the elegant insertion of the flowers on the spike, which makes them resemble Lilies	3.00
Mr. Legouve. Flowers very large, perfect, very bright fire-red; the superior divisions divided by a white line; on the inferior divisions, a pure white stain	2.00
Romulus. Flowers very brilliant brownish-red; large pure white stain; large white lines on the inferior divisions	1.00
Thomas Methuen. Flowers large, well-shaped, violet tinged with rose; centre well lighted, transparent; the extremity of the divisions carminate violet	1.50
Rosa Bonheur. Large, well-opened white flowers, slightly tinged with lilac, and blazed with carminéd violet	2.00

GENERAL COLLECTION.

Anais. Good shape, white, tinged with lilac; very large sulphur-white stains, striped with lilac-carmine	.75	Calypso. Rose-striped, blotched with carmine	.25
Alexander. Flower large, well-shaped, very fine bright red	.50	Canari. Light-yellow, striped with rose	.25
Amabilis. Bright vermillion, stained with yellow	.20	Chateaubriand. Clear cherry; a magnificent spike	.30
Adonis. Light-cherry, yellow throat, with light-yellow spots	.10	Comte de Morny. Dark cherry-red, blotched with white, and striped with purple	.25
Aglæ. Rose-colored salmon, mottled	.20	Comtesse de Bresson. Deep bluish-pink in centre, shaded with crimson; outside petals veined with white; two lower petals striped with purple	.25
Aristote. Light-rose, with purplish crimson stripes	.10	Couranti Fulgens. Bright-crimson	.10
Berenice. Beautiful rose, striped with red, with purple-carmine colored spots	.20	Daphne. Light-cherry, with darker stripes, stained with bright-carmine	.25
Bertha Rabourdin. Pure white, with beautiful large carmine stain	.40	Diana. Light-salmon, variegated with rose, and blotched with light-carmine, on white ground	.35
Branchleyensis. Deep scarlet; fine	.10	Duc de Malakoff. Orange-red, on yellowish-white ground; fine	.40
Bernard de Jussieu. Flower large, wide, perfect ground violet, shaded and tinted with cherry-color and purple; stains purple on white ground	.50	Dana. Delicate straw-color, violet spots	.60
Calendulaceus. Bright nankeen	.25		

WASHBURN & COMPANY'S

	PRICE.
Doctor Andry. Very bright orange; fine . . .	.15
Don Juan. Vivid blush-pink; petals beautifully mottled with deep crimson, and veined with pure white . . .	.10
Eduzia. Upper petals white, spotted with violet; lower striped with white . . .	.75
Edith. Large flower; carnation-rose, deeply striped with same . . .	.30
Egerie. Orange-rose; petals slightly marked with carmine . . .	.20
Emma. Clear carmine; dwarf . . .	.20
Emile. Scarlet, flamed with crimson and white, and spotted scarlet and white . . .	.40
Endymion. Rose; beautiful . . .	.25
Erato. Delicate rose; with dark stripes and carmine blotches . . .	.30
Eldorado. Fine clear yellow, striped with red . . .	.40
Eugene Scribe. Flower very large and wide, perfect, tender-rose, blazed with carminate-red . . .	.75
Etendard. Flower very large and wide, perfect, white, slightly blazed with lilac or violet, spike long . . .	1.00
Flavia. Very bright-red, a color little darker than Napoleon III. . .	.40
Fanny Rouget. Rosy-flesh color, striped with rosy carmine . . .	.10
Florian. Cherry-rose, with large violet spots; the centre petals lined with white . . .	.35
Galathee. White, beautifully spotted with carmine . . .	.20
Goliath. Light-red, striped and spotted with carmine; large flower . . .	.20
Hebe. Tender flesh-color, beautifully striped with fine lake . . .	.25
Helene. White, slightly tinged with lilac, spotted and striped with violet . . .	.35
Hector. Delicate rose, sometimes striped . . .	.25
Henrietta. Large, well-shaped flower, white-tinted and blazed with lilac . . .	.50
Imperatrice. White, slightly suffused with pink, spotted with carmine . . .	.20
Imperatrice Eugenie. White, flamed with rose, violet in the centre . . .	.75
Isoline. Blush, spotted with carmine violet . . .	.20
Isabella. Middle-sized flower, fine spike, pure white, with large, dark carminate-violet stains . . .	.75
Jean d'Arc. White, tinged with rose; striped and stained with purple . . .	.30
La Favorite. Flower large, rose, blazed with carmine; lower divisions light yellow . . .	.75
La Fiancee. Flower large, perfect, pure white, small, bluish-violet stains; fine variety . . .	1.00
Leonora. Flower large, perfect, cherry-colored red, tinted with orange . . .	1.00
Louis Van Houtte. Brilliant red, blotched with violet . . .	.15
Le Poussin. Light-red, white ground, large white blotch on lower petals . . .	.50

	PRICE.
Lælia. Peach-pink, stained with lilac . . .	.80
Madame Basseville. Large cherry-colored flower, with purple blotch on a yellowish-white ground, striped with white . . .	.40
Madame de Vatry. Yellowish-white, stained with carmine; very large flower . . .	.25
Madame Binder. Pure white; long carminate-rose stripes on the lower petals . . .	.40
Madame Herincq. Yellow white, changing to a dull white, with large marbled veins of lilac . . .	.20
Madame Leseble. Pure white, blotched with rose . . .	.50
Madame Domage. Rose, spotted with amaranth, and striped with white . . .	1.25
Madame Furtado. Rose, changing to pink, flamed with carmine . . .	.75
Madame Rabourdin. Rose, flamed with carmine and white, striped in the centre of each petal . . .	.75
Mars. Beautiful; fine deep scarlet . . .	.30
Marie. Pure white, blotched with dark carmine . . .	.50
Mazeppa. Orange-rose, blotched with yellow, and striped with red . . .	.30
Mons. Blouet. Tender-rose, shaded with carmine; large flower . . .	.20
Mons. Gorgeon. Rose, with salmon-colored tint . . .	.20
Moliere. Flower very large and wide, perfect, cherry-colored red, with very large, pure-white stains . . .	1.00
Mozart. Flower large, very wide, spike spreading, bright rose, slightly tinted with violet, very largely blazed with very dark carmine; very large, pure-white stains; beautiful plant . . .	1.25
Napoleon III. Brilliant scarlet, streaked with white . . .	.30
Neptune. Beautiful red, with carmine spots and stripes . . .	.10
Nemesis. Vivid-rose, with white lines and carmine stains on yellow ground . . .	.20
Norma. Middle-sized flower, spike spreading, pure white, very slender, and very slightly blazed with very tender lilac . . .	1.25
Noemi. Flower large, light lilac-rose, spike very long . . .	.40
Oscar. Flower large, well-shaped, very brilliant, bright cherry-color, stains white . . .	1.25
Osiris. Brilliant cherry-rose; fine . . .	.20
Ophir. Yellow, blotched with purple . . .	.50
Pallas. Bright rose, with stripes of a darker shade; spots of a violet-carmine on a slight orange-tinted ground . . .	.15
Penelope. White, slightly tinged with pink; lower petals yellow-tinted, and striped with carmine . . .	.20
Pegasus. Carnation, flaked with rose; lower petals shaded with maroon15
Pellonia. Rose, spotted with crimson20

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	PRICE.
Princess Alice. Flower very large and wide, perfect, tender lilac, slightly tinted with rose, very large white stains; new and charming shade; first-rate dwarf plant . . .	1.50
Princess Clothilde. Beautiful salmon-rose; very large . . .	1.00
Prince Imperial. Blush - white, blotched with carmine . . .	.15
Premices de Montrouge. Brilliant red; dwarf . . .	.30
Rossini. Flower large, perfect, very long spike, dark amaranth-red, stained with white; very good variety . . .	1.05
Raphael. Deep and vermillion . . .	.25
Rebecca. White, shaded with lilac . . .	.25
Rembrandt. Very bright deep scarlet . . .	.30
Sulphureus. Sulphur-yellow . . .	.50
Solfatere. Rich Jonquil - yellow; large . . .	.40
Stephenson. Large; fine form; superb spikes, cherry - carmine, lined with white . . .	.75

	PRICE.
Sir William Hooker. Very large and well-opened flower, perfect shape, light-cherry color, rose-carmine stain on pure white ground; plant of a great effect . . .	.75
Stella. Flower large, well shaped; ground white, slightly tinted with yellow and rose, and blazed with carminate-red . . .	.75
Triomphe d'Enghein. Rich-flamed crimson . . .	.20
Velleda. Soft rose, blotched with lilac . . .	.50
Vesta. Pure white, with violet-carmine spots on yellow ground . . .	.35

OTHER SORTS OF GLADIOLUS.

Gandavensis (the original variety). Vermilion, shaded with yellow . . .	\$0.10
Ramosus (original). Rose and white . . .	.20
Pisittacinus. Yellow and brown . . .	.10
Floribundas. White, with rosy stripe along the centre of each petal . . .	.20

CHOICE MIXED VARIETIES.

We have a fine collection of mixed varieties, saved from seedlings, and others where the names have been lost, which we offer at \$1.00 to \$2.00 per doz., by mail, postpaid, \$5.00 per 100.

GLADIOLUS LYONIL.

Cardinalis habit. Flowers large spreading petals of good form; color pure white, vividly flaked with bright scarlet; very free bloomer, and altogether a most exquisite variety. Spikes of bloom were exhibited at the Rose show at the Massachusetts Horticultural Society last June, attracting great attention; highly recommended for pot-culture. Price 75 cts. to \$1.00 each.

TIGRIDIAS.

A genus of Mexican bulbs; grows about one foot and a half high, producing flowers of the most exquisite beauty; the flowers large, about four inches across, of singularly curious shape, and the color of each variety gorgeous, and purely contrasted. No flower can exceed it in beauty. In bloom from July to the first of October. In autumn, take up the bulbs, and keep them in a dry place, away from frost, until the time of planting in the spring. Tigridias by mail, postpaid.

Conchiflora. Orange and golden-yellow, spotted with black. 15 cts. each; \$1.25 per doz.
Pavonia. Richest scarlet, tinged and spotted with yellow. 15 cents each; \$1.25 per doz.

DOUBLE TUBEROSES.

The Tuberose is one of the most delightfully fragrant and beautiful of summer-flowering bulbs, throwing up small spikes of double white flowers, two to three feet high, which remain in bloom a long period. The bulbs may be planted from February to May. When they are needed very early, they may be planted in the greenhouse or hotbed in February or March; and, for a succession of flowers, in April and May. In planting, remove the useless small offsets around the main root, and place a single tuber in a pot four or five inches wide. Use good loam and leaf-mould, with good drainage. Start them slowly upon a temperate heat, in the hotbed or forcing-pit, or later in the season in a frame. Water slightly at first; and, when the bulbs begin to grow, increase the quantity. Those started early should be supplied with a good bottom-heat till May, when they may be shifted into pots six or seven inches wide. By the first of June, all may be plunged out in a warm border, staking each plant to prevent their being broken by the wind. On the approach of cool weather, in September, those remaining in bloom should be removed to the conservatory or parlor, where they will continue in flower for a long period.

Fine bulbs, \$1.50 to \$2.00 per dozen; bulbs started in pots in May, \$3.00 per dozen.

VALLOTA.

A splendid bulbous-rooted plant, allied to the Amaryllis. It blooms in August, throwing up its strong stems about one foot high, with from five to eight brilliant, scarlet, lily-like flowers; very ornamental for bedding out in summer, or cultivation in pots and vases.

Purplea, each 50 to 75 cts.

AMARYLLIS FORMOSISSIMA, OR JACOBEEAN LILY.

This is a beautiful summer-flowering bulb. It generally produces two stems, one after the other, each bearing a large lily-like flower of the richest crimson-velvet color; its golden stamens drooping gracefully over the lower petals, giving it additional brilliancy. Plant the bulbs early in May, in rich mellow soil. In autumn, take them up, and keep dry and secure from frost. They bloom in June. Price, 35 cents each; \$3.50 per dozen.

TROPEOLUM TRICOLORUM.

Pot in rich, free loam, leaf-mould, and sand, in autumn, and allow them to make way all through the winter in an airy greenhouse; the stems being trained up light trellises of some kind. After the blooming season, the bulbs should be allowed a rest of a few months. Each, \$1.00.

SMILAX (MYRSIPHYLLUM ASPARAGOIDES).

A beautiful winter climbing-plant, adapted alike to the greenhouse and conservatory. Nothing can excel this plant in beauty of foliage and orange fragrance of the flowers. It is extensively used for bouquets and floral decorations of every description.

Medium-size Bulbs, 25 cents each. Large-size Bulbs, 50 cents each. Extra-size Bulbs, \$1.00 each. Seed per packet, 25 cents.

NOTE.— This plant is grown and used most extensively as a decorative vine by every florist in the vicinity of Boston. No lady, dressed for a party, feels her toilet complete (if natural flowers are worn) without a spray of *Smilax* appended to her hair.

JAPAN LILIES.

Our collection of Lilies comprises all the most beautiful kinds, including ten of our own seedlings, which are unsurpassed by any yet produced. A full description will be found in our Bulb Catalogue. The following are the principal varieties of the Japan:—

Lilium Album. Pure white.	Each	. . . . .	.40 to \$.75
Rubrum. White, with deep crimson spots	. . . . .	. . . . .	.40 to .75
Roseum. White, with rose-colored spots	. . . . .	. . . . .	.40 to .75
Named Seedlings. (All superb.)	. . . . .	. . . . .	\$1.00 to 1.50

MADEIRA VINE.

A beautiful summer climbing-plant, of rapid growth, completely covered with long, graceful racemes of deliciously-fragrant white flowers. Each 15 cents to 25 cents.

MUSHROOM SPAWN.

DIRECTIONS FOR GROWING MUSHROOMS. The only conditions required for the healthy growth of Mushrooms are a mass of short dung, heated to from fifty-five to sixty degrees, and lumps of Spawn about the size of walnuts, six inches apart, just beneath the surface: the whole covered with an inch thickness of good light friable earth, and three or four inches of straw, or litter of any kind, to keep in the very moderate warmth. This can be managed in any dark cupboard or cellar; and the size of the bed is immaterial.

Take of horse-droppings from the stable, without the straw, as much as will make the bed the size you want it, a foot thick: put this anywhere out of the weather, away from the light and draught. Let this be pressed, but not hard; and in a few days, when it is nice and warm on thrusting the hand in, get the Spawn, and break the cakes in small pieces and put them in all over the dung, even with the surface: upon this being patted down smooth, but not hard, it will require from half an inch to an inch of earth all over it. Pat it down to keep it in its place, and put some loose hay or straw over it. When it approaches dryness, it must be sprinkled with water with the chill off, enough to wet the earth, but not the dung. Sooner or later, according to the attention paid to these several points, you will have Mushrooms, and plenty of them.

Best Mill-track Mushroom Spawn, per pound, 15 cents; 8 cents per pound extra by mail; 8 pounds for \$1.00, by Express.

ITALIAN BEES.

The superiority of these Bees over others is acknowledged by all. Some of the many advantages: they swarm earlier, work earlier and later, and store twice the amount of honey as the common bees. Allow about eight weeks to Italianize a hive of common bees. The queens live from three to five years. Price per swarm, \$15.00. Queens, \$5.00 each. Packed to go any distance.

Seeds by the Pound or Bushel.

THE following list embraces some of the leading kinds. All other vegetable seeds named in this Catalogue will also be supplied by the pound or bushel.

	1 LB.	1 LB.		1 LB.	1 LB.
Asparagus.			Lettuce.		
Giant	\$.025	\$.075	Early Silesia	\$.050	\$1.50
	PECK.	BUSH.	Drumhead . . . . .	.75	2.00
Beans.			Early Tennessean	1.00	3.00
Early China	\$.150	\$5.00	Butter	1.00	3.00
Early Long Yellow Six-weeks	2.00	4.00	Melon (Water).		
Early Valentine	1.75	6.00	Mountain Sweet . . . . .	.30	1.00
Early Mohawk	1.75	6.00	Black Spanish . . . . .	.30	1.00
White Marrow	1.75	4.50	Mountain Sprout . . . . .	.30	1.00
Horticultural, Pole	2.25	8.00	Melon (Musk).		
Indian Chief, Pole	2.25	10.00	Nutmeg . . . . .	.30	1.00
Large Lima, Pole	3.00	10.00	Jenny Lind Early . . . . .	.50	1.50
Selva, Pole	3.00	12.00	Green Citron . . . . .	.30	1.00
			Large Yellow Musk . . . . .	.35	1.00
Peas.			Christiana . . . . .	.50	1.50
Carter's First Crop	2.50	9.00	Mustard.		
Walte's Caracacus	2.75	9.00	White . . . . .	.15	.40
Dan O'Rourke	2.00	6.00	Okra.		
Tom Thumb, Dwarf	2.25	8.00	Okra . . . . .	.25	1.00
McLean's Little Gem	2.25	8.00	Onion.		
McLean's Advancer	2.25	8.00	Large Red Wethersfield . . . . .	.60	2.00
Laxton's Prolific	2.00	8.00	Yellow Danvers . . . . .	.75	2.50
McLean's Princess Royal	2.00	7.00	White Portugal	1.00	3.00
Champion of England	2.00	6.00	Early Red	1.00	3.00
White Marrowfat	1.25	4.00	Parsnip.		
Black-eyed Marrowfat	1.00	3.00	Hollow Crown . . . . .	.25	.75
Corn.			Parsley.		
Crosby's Early Sweet	1.50	5.00	Extra Curled . . . . .	.30	1.00
Stowell's Evergreen Sweet	1.50	5.00	Pepper.		
Early Yellow Field	1.25	4.00	Squash	1.25	4.00
Burr's Mammoth	1.75	6.00	Sweet Mountain	1.25	4.00
Moore's Early Concord	1.50	5.00	Sweet Spanish	1.50	5.00
			Pumpkin.		
Beets.	1 LB.	1 LB.	Large Cheese . . . . .	.25	.75
Early Bassano . . . . .	.30	1.00	Large Yellow Field . . . . .	.15	.40
Early Blood Turnip . . . . .	.25	.90	Radish.		
Long Blood . . . . .	.25	1.00	Scarlet Turnip . . . . .	.80	1.00
White Sugar . . . . .	.20	.50	Early Olive-shaped . . . . .	.80	1.00
Mangel Wurzel, Giant Long Red . . . . .	.20	.50	Long Scarlet . . . . .	.25	.75
Yellow Globe . . . . .	.20	.50	Spinach.		
Cabbage.			Summer . . . . .	.20	.60
Early York . . . . .	.50	1.50	Winter, Prickly . . . . .	.20	.60
Early Oxheart	1.00	3.00	Salsify.		
Early Wakefield (Jersey)	2.00	7.00	Salsify . . . . .	.40	1.25
Stone Mason Drumhead	1.25	4.00	Sage.		
Winnigstad	1.00	3.00	Sage	1.00	3.00
Marblehead Mammoth	2.50	8.00	Squash.		
Fottler's Early Drumhead	2.50	8.00	Early White Bush . . . . .	.30	1.00
Large American Drumhead	1.25	4.00	Summer Crookneck . . . . .	.30	1.00
Large Savoy Drumhead	1.00	3.00	Winter Crookneck . . . . .	.30	1.00
Premium Flat Dutch (American)	1.00	3.00	Boston Marrow . . . . .	.40	1.50
Green Globe Savoy (American)	1.25	4.00	Hubbard . . . . .	.60	2.00
Red Dutch	1.00	3.00	American Turban . . . . .	.75	2.50
Carrot.			Tomato.		
Early Horn . . . . .	.40	1.50	Boston Market	1.25	4.00
Long Orange . . . . .	.35	1.00	Large Smooth Red	1.00	3.00
Half Long Orange, Red . . . . .	.50	1.50	Keyes's Early	1.00	3.00
Large White Field . . . . .	.30	1.00	General Grant	1.00	3.00
Improved White Green Top Orto . . . . .	.50	1.50	Tilden	1.00	3.00
Cauliflower.			Trophy	1.75	6.00
Boston Market	5.00	18.00	Turnip.		
Early Erfurt	5.00	18.00	Early White Dutch . . . . .	.25	.75
Walcheren	1.50	5.00	Extra Early White-top . . . . .	.25	.75
Celery.			Red-top, Strap-leaf . . . . .	.25	.75
White Solid . . . . .	.75	2.00	White-top . . . . .	.25	.75
Boston Market	1.50	5.00	White French . . . . .	.25	.75
Turner's Incomparable Dwarf	1.25	4.00	Golden Ball . . . . .	.30	1.00
Cress.			Robertson's Golden Ball . . . . .	.30	1.00
Curled . . . . .	.25	.75	Yellow Swedish, or Ruta-baga . . . . .	.20	.75
Cucumber.			Purple-top Ruta-baga, Skirvings . . . . .	.20	.75
Early Cluster . . . . .	.40	1.25	Laing's Improved Ruta-baga . . . . .	.20	.75
Early Short Prickly40	1.25	White Sweet German25	.75
Early White-spined30	1.00	Fine American Ruta-baga25	.75
Long Green50	1.50			

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Books for Farmers and Others.

[Any of these books will be forwarded by mail, *postpaid*, on receipt of price.]

Allen's (R. L.) American Farm-Book	\$1.50	Henderson's Practical Floriculture	\$1.50
Allen's (R. L. and L. F.) New American Farm-Book	2.50	Hoope's Book of Evergreens	3.00
Allen's (R. L.) Diseases of Domestic Animals	1.00	Hop Culture . . . . .	.40
American Bird Fancier . . . . .	.30	Husmann's Grapes and Wine	1.50
American Rose Culturist . . . . .	.30	Langstroth on the Honey Bee	2.00
American Weeds and Useful Plants	1.75	Leuchar's How to Build Hot-houses	1.50
Bement's Poulterer's Companion	2.00	Mayhew's Illustrated Horse Doctor	3.00
Bommer's Method of Making Manures . . . . .	.25	My Farm of Edgewood	1.75
Breck's New Book of Flowers	1.75	My Vineyard at Lakeview	1.25
Bridgeman's Young Gardener's Assistant	2.50	Onion Culture . . . . .	.20
Bulst's Family Kitchen Gardener	1.00	Our Farm of Four Acres, paper, 30, cloth, . . . . .	.60
Bulst's Flower-Garden Directory	1.50	Pardee on Strawberry Culture . . . . .	.75
Burr's Vegetables of America	5.00	Parkman's Book of Roses	3.00
Chorlton's Grape-Grower's Guide . . . . .	.75	Parsons on the Rose, by S. E. Parsons	1.50
Cole's (S. W.) American Fruit Book . . . . .	.75	Quinby's Mysteries of Bee-Keeping	1.50
Copeland's Country Life	5.00	Rand's Bulbs	3.00
Dadd's American Cattle Doctor	1.50	Rand's Flowers for Parlor and Garden	3.00
Dadd's Modern Horse Doctor	1.50	Richardson on the Dog, paper, 30, cloth, . . . . .	.60
Dana's Muck Manual	1.25	Rivers's Miniature Fruit Garden	1.00
Downing's Fruit and Fruit-Trees of America	5.00	Saunders's Domestic Poultry, paper, 40, bound . . . . .	.75
Eastwood on Cranberry . . . . .	.75	Schenck's Gardener's Text-Book . . . . .	.75
Elliott's Western Fruit-Grower's Guide	1.50	Stewart's (John) Stable Book	1.50
Every Woman her own Flower-Gardener50	Strong's Cultivation of the Grape	3.00
Farm Talk (Brackett)	1.00	Ten Acres Enough	1.50
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Fild's (Thomas W.) Pear Culture	1.25	Tim Bunker Papers	1.50
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French's Farm Drainage	1.50	Waring's Draining for Profit and Health,	1.50
Fuller's Forest-Tree Culturist	1.50	Waring's Earth-Closets25
Fuller's Grape Culturist	1.50	Waring's Elements of Agriculture	1.50
Fuller's Small-Fruit Culturist	1.50	White's Gardening for the South	2.00
Fuller's Strawberry Culturist . . . . .	.20	Window-Gardening	1.50
Gray's How Plants Grow	1.25	Woodward's Cottages and Farm-Houses,	1.50
Gray's School and Field Book of Botany,	2.50	Woodward's Country Homes	1.50
Gregory on Squashes . . . . .	.30	Woodward's Graperies, &c.	1.50
Henderson's Gardening for Profit	1.50	Woodward's Suburban and Country Houses	1.50
		Wright's Practical Poultry-Keeper	2.00